



**SAFETY DATA SHEET**  
**5 L CLEANLINE MULTIPURPOSE CLEANER & DEGREASER**

Commission Regulation (EU) No 2015/830 of 28 May 2015.

**SECTION 1: Identification of the substance/mixture and of the company/undertaking**

**1.1. Product identifier**

Product name                      5 L CLEANLINE MULTIPURPOSE CLEANER & DEGREASER  
Product number                  800-226-4006  
Container size                    5L

**1.2. Relevant identified uses of the substance or mixture and uses advised against**

Identified uses                   Detergent.

**1.3. Details of the supplier of the safety data sheet**

Supplier                           PRIME SOURCE  
                                        P O BOX 15247  
                                        BIRMINGHAM  
                                        B22 3HN  
                                        0500 749312  
                                        inf@prime-source.co.uk

Contact person                   For content of safety data sheet:, sds@coventrychemicals.com

**1.4. Emergency telephone number**

Emergency telephone           +44 (0) 1865407333 (Strictly for emergencies only: incidents involving damage to human health and/or the environment)

National emergency telephone number   In case of a medical emergency following exposure to a chemical call NHS Direct in England or Wales 0845 46 47 or NHS 24 in Scotland 08454 24 24 24

**SECTION 2: Hazards identification**

**2.1. Classification of the substance or mixture**

**Classification (EC 1272/2008)**

Physical hazards                   Not Classified  
Health hazards                   Skin Irrit. 2 - H315 Eye Dam. 1 - H318  
Environmental hazards           Not Classified

**2.2. Label elements**

**Pictogram**



Signal word                       Danger

Hazard statements               H315 Causes skin irritation.  
                                        H318 Causes serious eye damage.

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**Precautionary statements**

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.  
P302+P352 IF ON SKIN: Wash with plenty of water.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P332+P313 If skin irritation occurs: Get medical advice/ attention.  
P337+P313 If eye irritation persists: Get medical advice/ attention.  
P501 Dispose of contents/ container in accordance with local regulations.

**Contains** ALCOHOLS, C12-14, ETHOXYLATED, DISODIUM METASILICATE

**Detergent labelling** < 5% EDTA and salts thereof, < 5% non-ionic surfactants, < 5% perfumes, Contains d-LIMONENE

### 2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### ALCOHOLS, C12-14, ETHOXYLATED

1-5%

CAS number: 68439-50-9

EC number: 500-213-3

REACH registration number: 01-2119487984-16-XXXX

M factor (Acute) = 1

#### Classification

Eye Dam. 1 - H318

Aquatic Acute 1 - H400

Aquatic Chronic 3 - H412

#### Classification (67/548/EEC or 1999/45/EC)

Xi;R41. N;R50.

#### DISODIUM METASILICATE

1-5%

CAS number: 6834-92-0

EC number: 229-912-9

REACH registration number: 01-2119449811-37-XXXX

#### Classification

Met. Corr. 1 - H290

Skin Corr. 1B - H314

Eye Dam. 1 - H318

STOT SE 3 - H335

#### Classification (67/548/EEC or 1999/45/EC)

C;R34 Xi;R37

#### 2-(2-BUTOXYETHOXY)ETHANOL

<1%

CAS number: 112-34-5

EC number: 203-961-6

REACH registration number: 01-2119475104-44-xxxx

#### Classification

Eye Irrit. 2 - H319

#### Classification (67/548/EEC or 1999/45/EC)

Xi;R36

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### AMINES, C12-14 -ALKYLDIMETHYL, N-OXIDES

&lt;1%

CAS number: 308062-28-4

EC number: 931-292-6

REACH registration number: 01-2119490061-47-XXXX

M factor (Acute) = 1

#### Classification

Acute Tox. 4 - H302

Skin Irrit. 2 - H315

Eye Dam. 1 - H318

Aquatic Acute 1 - H400

Aquatic Chronic 2 - H411

#### Classification (67/548/EEC or 1999/45/EC)

Xn;R22. Xi;R38,R41. N;R50.

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

|                            |                                                                                                                                                                                                                                                             |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>General information</b> | Provide eyewash station.                                                                                                                                                                                                                                    |
| <b>Inhalation</b>          | Move affected person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.                                                                                                                              |
| <b>Ingestion</b>           | Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.                                                                                        |
| <b>Skin contact</b>        | Wash skin thoroughly with soap and water. Remove contaminated clothing. Get medical attention promptly if symptoms occur after washing.                                                                                                                     |
| <b>Eye contact</b>         | Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing. Show this Safety Data Sheet to the medical personnel. |

#### 4.2. Most important symptoms and effects, both acute and delayed

|                            |                                                                                                                                                                                                                         |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>General information</b> | Provide eyewash station.                                                                                                                                                                                                |
| <b>Skin contact</b>        | Prolonged contact may cause redness, irritation and dry skin.                                                                                                                                                           |
| <b>Eye contact</b>         | The product is irritating to eyes and skin. Prolonged or repeated exposure may cause the following adverse effects: Irritation and redness, followed by blurred vision. Corneal damage. Risk of serious damage to eyes. |

#### 4.3. Indication of any immediate medical attention and special treatment needed

|                             |                              |
|-----------------------------|------------------------------|
| <b>Notes for the doctor</b> | No specific recommendations. |
|-----------------------------|------------------------------|

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

|                                     |                                                                                                                                   |
|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| <b>Suitable extinguishing media</b> | The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire. Foam, carbon dioxide or dry powder. |
|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|

#### 5.2. Special hazards arising from the substance or mixture

|                                      |                                                                                                                              |
|--------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| <b>Hazardous combustion products</b> | Thermal decomposition or combustion products may include the following substances: Oxides of carbon. Toxic gases or vapours. |
|--------------------------------------|------------------------------------------------------------------------------------------------------------------------------|

#### 5.3. Advice for firefighters

|                                               |                                                                                    |
|-----------------------------------------------|------------------------------------------------------------------------------------|
| <b>Protective actions during firefighting</b> | Control run-off water by containing and keeping it out of sewers and watercourses. |
|-----------------------------------------------|------------------------------------------------------------------------------------|

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**Special protective equipment for firefighters** Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

**Personal precautions** For personal protection, see Section 8. Treat the spilled material according to the instructions in the clean-up section. Take care as floors and other surfaces may become slippery.

#### 6.2. Environmental precautions

**Environmental precautions** Collect and dispose of spillage as indicated in Section 13. Do not discharge into drains or watercourses or onto the ground.

#### 6.3. Methods and material for containment and cleaning up

**Methods for cleaning up** Stop leak if safe to do so. Absorb in vermiculite, dry sand or earth and place into containers. Flush contaminated area with plenty of water. Avoid the spillage or runoff entering drains, sewers or watercourses.

#### 6.4. Reference to other sections

**Reference to other sections** For personal protection, see Section 8. See Section 11 for additional information on health hazards. For waste disposal, see Section 13.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

**Usage precautions** Provide adequate ventilation. Avoid spilling. Avoid contact with skin and eyes. Wear protective clothing as described in Section 8 of this safety data sheet. Avoid breathing vapour/spray. Do not mix with other household chemical products. Do not mix with acid.

**Advice on general occupational hygiene** Good personal hygiene procedures should be implemented. Do not eat, drink or smoke when using this product. Wash skin thoroughly after handling. Take off contaminated clothing and wash it before reuse. Use appropriate hand lotion to prevent defatting and cracking of skin.

#### 7.2. Conditions for safe storage, including any incompatibilities

**Storage precautions** Store in tightly-closed, original container in a dry, cool and well-ventilated place. Store at room temperature. Keep out of the reach of children. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

#### 7.3. Specific end use(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

### SECTION 8: Exposure Controls/personal protection

#### 8.1. Control parameters

##### Occupational exposure limits

##### 2-(2-BUTOXYETHOXY)ETHANOL

Long-term exposure limit (8-hour TWA): WEL 10 ppm 67.5 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 15 ppm 101.2 mg/m<sup>3</sup>

WEL = Workplace Exposure Limit

ALCOHOLS, C12-14, ETHOXYLATED (CAS: 68439-50-9)

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### DNEL

Workers - Inhalation; Long term systemic effects: 294 mg/m<sup>3</sup>  
 Workers - Dermal; Long term systemic effects: 2080 mg/kg/day  
 General population - Inhalation; Long term systemic effects: 87 mg/m<sup>3</sup>  
 General population - Dermal; Long term systemic effects: 1250 mg/kg/day  
 General population - Oral; Long term systemic effects: 25 mg/kg/day

### PNEC

- Fresh water; 0.0437 mg/l  
 - Intermittent release; 0.004 mg/l  
 - STP; 10 mg/l  
 - Sediment (Freshwater); 31 mg/kg  
 - Sediment (Marinewater); 31 mg/kg  
 - Soil; 1 mg/kg

### 2-(2-BUTOXYETHOXY)ETHANOL (CAS: 112-34-5)

### DNEL

Workers - Inhalation; Long term systemic effects: 67.5 mg/m<sup>3</sup>  
 Workers - Inhalation; Long term local effects: 67.5 mg/m<sup>3</sup>  
 Workers - Dermal; Long term systemic effects: 20 mg/kg/day  
 General population - Inhalation; Long term systemic effects: 34 mg/m<sup>3</sup>  
 General population - Inhalation; Long term local effects: 34 mg/m<sup>3</sup>  
 General population - Inhalation; Short term local effects: 34 mg/m<sup>3</sup>  
 General population - Inhalation; Short term local effects: 50.6 mg/m<sup>3</sup>  
 General population - Dermal; Long term systemic effects: 10 mg/kg/day  
 General population - Oral; Long term systemic effects: 1.25 mg/kg/day

### PNEC

- Fresh water; 1 mg/l  
 - Marine water; 0.1 mg/l  
 - Intermittent release; 3.9 mg/l  
 - STP; 200 mg/l  
 - Sediment (Freshwater); 4 mg/kg  
 - Sediment (Marinewater); 0.4 mg/kg  
 - Soil; 0.4 mg/kg

### AMINES, C12-14 -ALKYLDIMETHYL, N-OXIDES (CAS: 308062-28-4)

### DNEL

Workers - Inhalation; Long term systemic effects: 6.2 mg/m<sup>3</sup>  
 Workers - Dermal; Long term systemic effects: 11 mg/kg/day  
 General population - Inhalation; Long term systemic effects: 1.53 mg/m<sup>3</sup>  
 General population - Dermal; Long term systemic effects: 5.5 mg/kg/day  
 General population - Oral; Long term systemic effects: 0.44 mg/kg/day

### PNEC

- Fresh water; 0.034 mg/l  
 - Marine water; 0.003 mg/l  
 - STP; 24 mg/l  
 - Sediment (Freshwater); 5.24 mg/kg  
 - Sediment (Marinewater); 0.524 mg/kg  
 - Soil; 1.02 mg/kg

## 8.2. Exposure controls

### Protective equipment



Appropriate engineering controls

Provide adequate ventilation.

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|                                        |                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Eye/face protection</b>             | Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Unless the assessment indicates a higher degree of protection is required, the following protection should be worn: Tight-fitting safety glasses. Personal protective equipment for eye and face protection should comply with European Standard EN166.                         |
| <b>Hand protection</b>                 | Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. It is recommended that gloves are made of the following material: Polyvinyl chloride (PVC). Rubber (natural, latex). Neoprene. Nitrile rubber. Polyethylene. To protect hands from chemicals, gloves should comply with European Standard EN374. |
| <b>Other skin and body protection</b>  | Wear appropriate clothing to prevent repeated or prolonged skin contact. Use appropriate hand lotion to prevent defatting and cracking of skin.                                                                                                                                                                                                                                                    |
| <b>Hygiene measures</b>                | When using do not eat, drink or smoke. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site. Use appropriate skin cream to prevent drying of skin.                                                                                                                                     |
| <b>Respiratory protection</b>          | Respiratory protection not required.                                                                                                                                                                                                                                                                                                                                                               |
| <b>Environmental exposure controls</b> | Avoid releasing into the environment.                                                                                                                                                                                                                                                                                                                                                              |

### SECTION 9: Physical and Chemical Properties

#### 9.1. Information on basic physical and chemical properties

|                                                 |                                                             |
|-------------------------------------------------|-------------------------------------------------------------|
| <b>Appearance</b>                               | Liquid.                                                     |
| <b>Colour</b>                                   | Yellow.                                                     |
| <b>Odour</b>                                    | Lemon.                                                      |
| <b>pH</b>                                       | pH (concentrated solution): 13.0                            |
| <b>Relative density</b>                         | 1.030 @ @ 20°C                                              |
| <b>Solubility(ies)</b>                          | Soluble in water.                                           |
| <b>Explosive under the influence of a flame</b> | Not considered to be explosive.                             |
| <b>Comments</b>                                 | Information given is applicable to the product as supplied. |

#### 9.2. Other information

|                          |               |
|--------------------------|---------------|
| <b>Other information</b> | Not relevant. |
|--------------------------|---------------|

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

|                   |                                                                     |
|-------------------|---------------------------------------------------------------------|
| <b>Reactivity</b> | There are no known reactivity hazards associated with this product. |
|-------------------|---------------------------------------------------------------------|

#### 10.2. Chemical stability

|                  |                                        |
|------------------|----------------------------------------|
| <b>Stability</b> | Stable at normal ambient temperatures. |
|------------------|----------------------------------------|

#### 10.3. Possibility of hazardous reactions

|                                           |                 |
|-------------------------------------------|-----------------|
| <b>Possibility of hazardous reactions</b> | Not applicable. |
|-------------------------------------------|-----------------|

#### 10.4. Conditions to avoid

|                            |                                                         |
|----------------------------|---------------------------------------------------------|
| <b>Conditions to avoid</b> | Avoid exposure to high temperatures or direct sunlight. |
|----------------------------|---------------------------------------------------------|

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### 10.5. Incompatible materials

**Materials to avoid** No specific material or group of materials is likely to react with the product to produce a hazardous situation.

### 10.6. Hazardous decomposition products

**Hazardous decomposition products** No known hazardous decomposition products.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

**Toxicological effects** No information available.

**General information** This product has low toxicity.

**Ingestion** May cause irritation. Symptoms following overexposure may include the following: Stomach pain. Nausea, vomiting. Diarrhoea.

**Skin contact** Skin irritation should not occur when used as recommended. Prolonged or repeated exposure may cause the following adverse effects: Irritation. Redness. Dryness and/or cracking. Mild dermatitis, allergic skin rash.

**Eye contact** Irritating to eyes. May cause serious eye damage. Severe irritation, burning, tearing and blurred vision. Corneal damage.

## SECTION 12: Ecological Information

**Ecotoxicity** There are no data on the ecotoxicity of this product. Not regarded as dangerous for the environment.

### 12.1. Toxicity

**Toxicity** Not considered toxic to fish.

### 12.2. Persistence and degradability

**Persistence and degradability** There are no data on the degradability of this product. The surfactant(s) contained in this product complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them at their direct request, or at the request of a detergent manufacturer.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential** No data available on bioaccumulation.

### 12.4. Mobility in soil

**Mobility** The product is water-soluble and may spread in water systems.

### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

### 12.6. Other adverse effects

**Other adverse effects** None known.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

## 5 L CLEANLINE MULTIPURPOSE CLEANER & DEGREASER

|                            |                                                                                                                                                                          |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>General information</b> | Do not discharge into drains or watercourses or onto the ground.                                                                                                         |
| <b>Disposal methods</b>    | Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Reuse or recycle products wherever possible. |

### SECTION 14: Transport information

|                |                                                                                                                    |
|----------------|--------------------------------------------------------------------------------------------------------------------|
| <b>General</b> | The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID). |
|----------------|--------------------------------------------------------------------------------------------------------------------|

#### 14.1. UN number

Not applicable.

#### 14.2. UN proper shipping name

Not applicable.

#### 14.3. Transport hazard class(es)

No transport warning sign required.

#### 14.4. Packing group

Not applicable.

#### 14.5. Environmental hazards

**Environmentally hazardous substance/marine pollutant**

No.

#### 14.6. Special precautions for user

Not applicable.

#### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not applicable.

### SECTION 15: Regulatory information

#### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

|                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>National regulations</b> | The Control of Substances Hazardous to Health Regulations 2002 (SI 2002 No. 2677) (as amended).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>EU legislation</b>       | <p>Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).</p> <p>Commission Regulation (EU) No 453/2010 of 20 May 2010.</p> <p>Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).</p> <p>Commission Directive 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work (as amended).</p> <p>Commission Decision 2000/532/EC as amended by Decision 2001/118/EC establishing a list of wastes and hazardous waste pursuant to Council Directive 75/442/EEC on waste and Directive 91/689/EEC on hazardous waste with amendments.</p> <p>Commission Regulation (EU) No 2015/830 of 28 May 2015.</p> |

## 5 L CLEANLINE MULTIPURPOSE CLEANER & DEGREASER

### Guidance

Workplace Exposure Limits EH40.  
 ECHA Guidance on the Application of the CLP Criteria.  
 ECHA Guidance on the compilation of safety data sheets.  
 COSHH Essentials.  
 Technical Guidance WM2: Hazardous Waste.

### 15.2. Chemical safety assessment

No information available.

## SECTION 16: Other information

### Abbreviations and acronyms used in the safety data sheet

DNEL: Derived No Effect Level.  
 PBT: Persistent, Bioaccumulative and Toxic substance.  
 PNEC: Predicted No Effect Concentration.  
 MARPOL 73/78: International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978.

### Revision comments

New revision number applied to comply with Commission Regulation (EU) No 2015/830 Of 28 May 2015' NOTE: Lines within the margin indicate significant changes from the previous revision.

### Revision date

08/06/2017

### Revision

2

### Supersedes date

14/09/2015

### SDS number

20957

### Risk phrases in full

R22 Harmful if swallowed.  
 R34 Causes burns.  
 R36 Irritating to eyes.  
 R37 Irritating to respiratory system.  
 R38 Irritating to skin.  
 R41 Risk of serious damage to eyes.  
 R50 Very toxic to aquatic organisms.

### Hazard statements in full

H290 May be corrosive to metals.  
 H302 Harmful if swallowed.  
 H314 Causes severe skin burns and eye damage.  
 H315 Causes skin irritation.  
 H318 Causes serious eye damage.  
 H319 Causes serious eye irritation.  
 H335 May cause respiratory irritation.  
 H400 Very toxic to aquatic life.  
 H411 Toxic to aquatic life with long lasting effects.  
 H412 Harmful to aquatic life with long lasting effects.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.



**SAFETY DATA SHEET**  
**5L CLEANLINE 2 BLUE FOODSAFE CLEANER**  
Commission Regulation (EU) No 2015/830 of 28 May 2015.

**SECTION 1: Identification of the substance/mixture and of the company/undertaking**

**1.1. Product identifier**

**Product name** 5L CLEANLINE 2 BLUE FOODSAFE CLEANER  
**Product number** 800-212-4011

**1.2. Relevant identified uses of the substance or mixture and uses advised against**

**Identified uses** Detergent. Disinfectant.

**1.3. Details of the supplier of the safety data sheet**

**Supplier** PRIME SOURCE  
P O BOX 15247  
BIRMINGHAM  
B22 3HN  
0500 749312  
inf@prime-source.co.uk

**Contact person** For content of safety data sheet: sds@coventrychemicals.com

**1.4. Emergency telephone number**

**Emergency telephone** +44 (0) 1865407333 (Strictly for emergencies only: incidents involving damage to human health and/or the environment)

**National emergency telephone number** In case of a medical emergency following exposure to a chemical call NHS Direct in England or Wales 0845 46 47 or NHS 24 in Scotland 08454 24 24 24

**SECTION 2: Hazards identification**

**2.1. Classification of the substance or mixture**

**Classification (EC 1272/2008)**

**Physical hazards** Not Classified  
**Health hazards** Skin Irrit. 2 - H315 Eye Irrit. 2 - H319  
**Environmental hazards** Not Classified

**Classification (67/548/EEC or 1999/45/EC)** Xi;R36.

**2.2. Label elements**

**Pictogram**



**Signal word** Warning

## 5L CLEANLINE 2 BLUE FOODSAFE CLEANER

|                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Hazard statements</b>                      | H315 Causes skin irritation.<br>H319 Causes serious eye irritation.                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Precautionary statements</b>               | P264 Wash contaminated skin thoroughly after handling.<br>P302+P352 IF ON SKIN: Wash with plenty of water.<br>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.<br>P332+P313 If skin irritation occurs: Get medical advice/ attention.<br>P337+P313 If eye irritation persists: Get medical advice/ attention.<br>P501 Dispose of contents/ container in accordance with national regulations.<br>P280 Wear protective clothing and gloves. |
| <b>Contains</b>                               | QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C12-16-ALKYLDIMETHYL, CHLORIDES, ALCOHOLS, C12-14, ETHOXYLATED                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Detergent labelling</b>                    | < 5% disinfectants, < 5% non-ionic surfactants                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Supplementary precautionary statements</b> | P321 Specific treatment (see medical advice on this label).<br>P362+P364 Take off contaminated clothing and wash it before reuse.                                                                                                                                                                                                                                                                                                                                                                                                         |

### 2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

|                                                                                                                                            |                                                                           |                                                  |
|--------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|--------------------------------------------------|
| QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C12-16-ALKYLDIMETHYL, CHLORIDES                                                                      |                                                                           | 1-5%                                             |
| CAS number: 68424-85-1                                                                                                                     | EC number: 270-325-2                                                      |                                                  |
| M factor (Acute) = 1                                                                                                                       |                                                                           |                                                  |
| <b>Classification</b><br>Acute Tox. 4 - H302<br>Acute Tox. 4 - H312<br>Skin Corr. 1B - H314<br>Eye Dam. 1 - H318<br>Aquatic Acute 1 - H400 | <b>Classification (67/548/EEC or 1999/45/EC)</b><br>C;R34 Xn;R21/22 N;R50 |                                                  |
| ALCOHOLS, C12-14, ETHOXYLATED                                                                                                              |                                                                           | <1%                                              |
| CAS number: 68439-50-9                                                                                                                     | EC number: 500-213-3                                                      | REACH registration number: 01-2119487984-16-XXXX |
| M factor (Acute) = 1                                                                                                                       |                                                                           |                                                  |
| <b>Classification</b><br>Eye Dam. 1 - H318<br>Aquatic Acute 1 - H400<br>Aquatic Chronic 3 - H412                                           | <b>Classification (67/548/EEC or 1999/45/EC)</b><br>Xi;R41. N;R50.        |                                                  |

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

|                            |                          |
|----------------------------|--------------------------|
| <b>General information</b> | Provide eyewash station. |
|----------------------------|--------------------------|

## 5L CLEANLINE 2 BLUE FOODSAFE CLEANER

|                     |                                                                                                                                                                                                                                                                        |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Inhalation</b>   | Move affected person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.                                                                                                                                         |
| <b>Ingestion</b>    | Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.                                                                                                   |
| <b>Skin contact</b> | Rinse immediately with plenty of water. Remove contaminated clothing. Get medical attention if irritation persists after washing.                                                                                                                                      |
| <b>Eye contact</b>  | Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if symptoms are severe or persist after washing. Show this Safety Data Sheet to the medical personnel. |

### **4.2. Most important symptoms and effects, both acute and delayed**

|                            |                                                                                                                                                                                                                         |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>General information</b> | Provide eyewash station.                                                                                                                                                                                                |
| <b>Skin contact</b>        | Prolonged contact may cause redness, irritation and dry skin.                                                                                                                                                           |
| <b>Eye contact</b>         | The product is irritating to eyes and skin. Prolonged or repeated exposure may cause the following adverse effects: Irritation and redness, followed by blurred vision. Corneal damage. Risk of serious damage to eyes. |

### **4.3. Indication of any immediate medical attention and special treatment needed**

|                             |                              |
|-----------------------------|------------------------------|
| <b>Notes for the doctor</b> | No specific recommendations. |
|-----------------------------|------------------------------|

## **SECTION 5: Firefighting measures**

### **5.1. Extinguishing media**

|                                     |                                                                                                                                   |
|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| <b>Suitable extinguishing media</b> | The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire. Foam, carbon dioxide or dry powder. |
|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|

### **5.2. Special hazards arising from the substance or mixture**

|                                      |                                                                                                                              |
|--------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| <b>Hazardous combustion products</b> | Thermal decomposition or combustion products may include the following substances: Oxides of carbon. Toxic gases or vapours. |
|--------------------------------------|------------------------------------------------------------------------------------------------------------------------------|

### **5.3. Advice for firefighters**

|                                                      |                                                                                                       |
|------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| <b>Protective actions during firefighting</b>        | Control run-off water by containing and keeping it out of sewers and watercourses.                    |
| <b>Special protective equipment for firefighters</b> | Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. |

## **SECTION 6: Accidental release measures**

### **6.1. Personal precautions, protective equipment and emergency procedures**

|                             |                                                                                                                                                                                       |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Personal precautions</b> | For personal protection, see Section 8. Treat the spilled material according to the instructions in the clean-up section. Take care as floors and other surfaces may become slippery. |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### **6.2. Environmental precautions**

|                                  |                                                                                                                              |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| <b>Environmental precautions</b> | Collect and dispose of spillage as indicated in Section 13. Do not discharge into drains or watercourses or onto the ground. |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------|

### **6.3. Methods and material for containment and cleaning up**

|                                |                                                                                                                                                                                                                     |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Methods for cleaning up</b> | Stop leak if safe to do so. Absorb in vermiculite, dry sand or earth and place into containers. Flush contaminated area with plenty of water. Avoid the spillage or runoff entering drains, sewers or watercourses. |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### **6.4. Reference to other sections**

## 5L CLEANLINE 2 BLUE FOODSAFE CLEANER

**Reference to other sections** For personal protection, see Section 8. See Section 11 for additional information on health hazards. For waste disposal, see Section 13.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

**Usage precautions** Provide adequate ventilation. Avoid spilling. Avoid contact with skin and eyes. Wear protective clothing as described in Section 8 of this safety data sheet. Avoid breathing vapour/spray. Do not mix with other household chemical products. Do not mix with acid.

**Advice on general occupational hygiene** Good personal hygiene procedures should be implemented. Do not eat, drink or smoke when using this product. Wash skin thoroughly after handling. Take off contaminated clothing and wash it before reuse. Use appropriate hand lotion to prevent defatting and cracking of skin.

#### 7.2. Conditions for safe storage, including any incompatibilities

**Storage precautions** Store in tightly-closed, original container in a dry, cool and well-ventilated place. Store at room temperature. Keep out of the reach of children. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

#### 7.3. Specific end use(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

### SECTION 8: Exposure Controls/personal protection

#### 8.1. Control parameters

#### ALCOHOLS, C12-14, ETHOXYLATED (CAS: 68439-50-9)

|             |                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>DNEL</b> | <p>Workers - Inhalation; Long term systemic effects: 294 mg/m<sup>3</sup></p> <p>Workers - Dermal; Long term systemic effects: 2080 mg/kg/day</p> <p>General population - Inhalation; Long term systemic effects: 87 mg/m<sup>3</sup></p> <p>General population - Dermal; Long term systemic effects: 1250 mg/kg/day</p> <p>General population - Oral; Long term systemic effects: 25 mg/kg/day</p> |
| <b>PNEC</b> | <p>- Fresh water; 0.0437 mg/l</p> <p>- Intermittent release; 0.004 mg/l</p> <p>- STP; 10 mg/l</p> <p>- Sediment (Freshwater); 31 mg/kg</p> <p>- Sediment (Marinewater); 31 mg/kg</p> <p>- Soil; 1 mg/kg</p>                                                                                                                                                                                         |

#### 8.2. Exposure controls

##### Protective equipment



**Appropriate engineering controls**

Provide adequate ventilation.

##### Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Unless the assessment indicates a higher degree of protection is required, the following protection should be worn: Tight-fitting safety glasses. Personal protective equipment for eye and face protection should comply with European Standard EN166.

## 5L CLEANLINE 2 BLUE FOODSAFE CLEANER

|                                        |                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Hand protection</b>                 | Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. It is recommended that gloves are made of the following material: Polyvinyl chloride (PVC). Rubber (natural, latex). Neoprene. Nitrile rubber. Polyethylene. To protect hands from chemicals, gloves should comply with European Standard EN374. |
| <b>Other skin and body protection</b>  | Wear appropriate clothing to prevent repeated or prolonged skin contact. Use appropriate hand lotion to prevent defatting and cracking of skin.                                                                                                                                                                                                                                                    |
| <b>Hygiene measures</b>                | When using do not eat, drink or smoke. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site. Use appropriate skin cream to prevent drying of skin.                                                                                                                                     |
| <b>Respiratory protection</b>          | Respiratory protection not required.                                                                                                                                                                                                                                                                                                                                                               |
| <b>Environmental exposure controls</b> | Avoid releasing into the environment.                                                                                                                                                                                                                                                                                                                                                              |

### SECTION 9: Physical and Chemical Properties

#### 9.1. Information on basic physical and chemical properties

|                                                 |                                                             |
|-------------------------------------------------|-------------------------------------------------------------|
| <b>Appearance</b>                               | Coloured liquid.                                            |
| <b>Colour</b>                                   | Blue.                                                       |
| <b>Odour</b>                                    | Odourless.                                                  |
| <b>pH</b>                                       | pH (concentrated solution): 9.5-12                          |
| <b>Relative density</b>                         | 1.005-1.015 @ 20°C                                          |
| <b>Solubility(ies)</b>                          | Soluble in water.                                           |
| <b>Explosive under the influence of a flame</b> | Not considered to be explosive.                             |
| <b>Comments</b>                                 | Information given is applicable to the product as supplied. |

#### 9.2. Other information

|                          |               |
|--------------------------|---------------|
| <b>Other information</b> | Not relevant. |
|--------------------------|---------------|

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

|                   |                                                                     |
|-------------------|---------------------------------------------------------------------|
| <b>Reactivity</b> | There are no known reactivity hazards associated with this product. |
|-------------------|---------------------------------------------------------------------|

#### 10.2. Chemical stability

|                  |                                        |
|------------------|----------------------------------------|
| <b>Stability</b> | Stable at normal ambient temperatures. |
|------------------|----------------------------------------|

#### 10.3. Possibility of hazardous reactions

|                                           |                 |
|-------------------------------------------|-----------------|
| <b>Possibility of hazardous reactions</b> | Not applicable. |
|-------------------------------------------|-----------------|

#### 10.4. Conditions to avoid

|                            |                                                         |
|----------------------------|---------------------------------------------------------|
| <b>Conditions to avoid</b> | Avoid exposure to high temperatures or direct sunlight. |
|----------------------------|---------------------------------------------------------|

#### 10.5. Incompatible materials

|                           |                                                                                                                  |
|---------------------------|------------------------------------------------------------------------------------------------------------------|
| <b>Materials to avoid</b> | No specific material or group of materials is likely to react with the product to produce a hazardous situation. |
|---------------------------|------------------------------------------------------------------------------------------------------------------|

#### 10.6. Hazardous decomposition products

## 5L CLEANLINE 2 BLUE FOODSAFE CLEANER

**Hazardous decomposition products** No known hazardous decomposition products.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

**Toxicological effects** No information available.

#### Acute toxicity - oral

**ATE oral (mg/kg)** 31,800.0

#### Acute toxicity - dermal

**ATE dermal (mg/kg)** 124,800.0

**General information** This product has low toxicity.

**Ingestion** May cause irritation. Symptoms following overexposure may include the following: Stomach pain. Nausea, vomiting. Diarrhoea.

**Skin contact** Skin irritation should not occur when used as recommended. Prolonged or repeated exposure may cause the following adverse effects: Irritation. Redness. Dryness and/or cracking. Mild dermatitis, allergic skin rash.

**Eye contact** Irritating to eyes. May cause serious eye damage. Severe irritation, burning, tearing and blurred vision. Corneal damage.

### SECTION 12: Ecological Information

**Ecotoxicity** There are no data on the ecotoxicity of this product. Not regarded as dangerous for the environment.

#### 12.1. Toxicity

**Toxicity** Not considered toxic to fish.

#### 12.2. Persistence and degradability

**Persistence and degradability** There are no data on the degradability of this product. The surfactant(s) contained in this product complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them at their direct request, or at the request of a detergent manufacturer.

#### 12.3. Bioaccumulative potential

**Bioaccumulative potential** No data available on bioaccumulation.

#### 12.4. Mobility in soil

**Mobility** The product is water-soluble and may spread in water systems.

#### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

#### 12.6. Other adverse effects

**Other adverse effects** None known.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

## 5L CLEANLINE 2 BLUE FOODSAFE CLEANER

|                            |                                                                                                                                                                          |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>General information</b> | Do not discharge into drains or watercourses or onto the ground.                                                                                                         |
| <b>Disposal methods</b>    | Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Reuse or recycle products wherever possible. |

### SECTION 14: Transport information

|                |                                                                                                                    |
|----------------|--------------------------------------------------------------------------------------------------------------------|
| <b>General</b> | The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID). |
|----------------|--------------------------------------------------------------------------------------------------------------------|

#### 14.1. UN number

Not applicable.

#### 14.2. UN proper shipping name

Not applicable.

#### 14.3. Transport hazard class(es)

No transport warning sign required.

#### 14.4. Packing group

Not applicable.

#### 14.5. Environmental hazards

**Environmentally hazardous substance/marine pollutant**

No.

#### 14.6. Special precautions for user

Not applicable.

#### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

**Transport in bulk according to** Not applicable.

**Annex II of MARPOL 73/78**

**and the IBC Code**

### SECTION 15: Regulatory information

#### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

**National regulations** The Control of Substances Hazardous to Health Regulations 2002 (SI 2002 No. 2677) (as amended).

**EU legislation** Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).  
Commission Regulation (EU) No 453/2010 of 20 May 2010.  
Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).  
Commission Directive 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work (as amended).  
Commission Decision 2000/532/EC as amended by Decision 2001/118/EC establishing a list of wastes and hazardous waste pursuant to Council Directive 75/442/EEC on waste and Directive 91/689/EEC on hazardous waste with amendments.  
Commission Regulation (EU) No 2015/830 of 28 May 2015.

## 5L CLEANLINE 2 BLUE FOODSAFE CLEANER

### Guidance

Workplace Exposure Limits EH40.  
 ECHA Guidance on the Application of the CLP Criteria.  
 ECHA Guidance on the compilation of safety data sheets.  
 COSHH Essentials.  
 Technical Guidance WM2: Hazardous Waste.

### 15.2. Chemical safety assessment

No information available.

### SECTION 16: Other information

|                                                                 |                                                                                                                                                                                          |
|-----------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Abbreviations and acronyms used in the safety data sheet</b> | DNEL: Derived No Effect Level.                                                                                                                                                           |
|                                                                 | PBT: Persistent, Bioaccumulative and Toxic substance.                                                                                                                                    |
|                                                                 | PNEC: Predicted No Effect Concentration.                                                                                                                                                 |
|                                                                 | MARPOL 73/78: International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978.                                                             |
|                                                                 |                                                                                                                                                                                          |
| <b>Revision comments</b>                                        | New revision number applied to comply with Commission Regulation (EU) No 2015/830 Of 28 May 2015' NOTE: Lines within the margin indicate significant changes from the previous revision. |
| <b>Revision date</b>                                            | 31/08/2017                                                                                                                                                                               |
| <b>Revision</b>                                                 | 5                                                                                                                                                                                        |
| <b>Supersedes date</b>                                          | 28/02/2017                                                                                                                                                                               |
| <b>SDS number</b>                                               | 21706                                                                                                                                                                                    |
| <b>Risk phrases in full</b>                                     | R22 Harmful if swallowed.                                                                                                                                                                |
|                                                                 | R34 Causes burns.                                                                                                                                                                        |
|                                                                 | R36 Irritating to eyes.                                                                                                                                                                  |
|                                                                 | R37 Irritating to respiratory system.                                                                                                                                                    |
|                                                                 | R41 Risk of serious damage to eyes.                                                                                                                                                      |
| <b>Hazard statements in full</b>                                | H302 Harmful if swallowed.                                                                                                                                                               |
|                                                                 | H312 Harmful in contact with skin.                                                                                                                                                       |
|                                                                 | H314 Causes severe skin burns and eye damage.                                                                                                                                            |
|                                                                 | H315 Causes skin irritation.                                                                                                                                                             |
|                                                                 | H318 Causes serious eye damage.                                                                                                                                                          |
|                                                                 | H319 Causes serious eye irritation.                                                                                                                                                      |
|                                                                 | H400 Very toxic to aquatic life.                                                                                                                                                         |
|                                                                 | H412 Harmful to aquatic life with long lasting effects.                                                                                                                                  |

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.



**SAFETY DATA SHEET**  
**5 L CLEANLINE 3 RED HEAVY DUTY DEGREASER**

Commission Regulation (EU) No 2015/830 of 28 May 2015.

**SECTION 1: Identification of the substance/mixture and of the company/undertaking**

**1.1. Product identifier**

Product name 5 L CLEANLINE 3 RED HEAVY DUTY DEGREASER  
Product number 800-212-4012  
Container size 5L

**1.2. Relevant identified uses of the substance or mixture and uses advised against**

Identified uses Detergent.

**1.3. Details of the supplier of the safety data sheet**

Supplier PRIME SOURCE  
P O BOX 15247  
BIRMINGHAM  
B22 3HN  
0500 749312  
inf@prime-source.co.uk

Contact person For content of safety data sheet:, sds@coventrychemicals.com

**1.4. Emergency telephone number**

Emergency telephone +44 (0) 1865407333 (Strictly for emergencies only: incidents involving damage to human health and/or the environment)

National emergency telephone number In case of a medical emergency following exposure to a chemical call NHS Direct in England or Wales 0845 46 47 or NHS 24 in Scotland 08454 24 24 24

**SECTION 2: Hazards identification**

**2.1. Classification of the substance or mixture**

**Classification (EC 1272/2008)**

Physical hazards Not Classified  
Health hazards Skin Irrit. 2 - H315 Eye Dam. 1 - H318  
Environmental hazards Not Classified

**2.2. Label elements**

**Pictogram**



Signal word Danger

Hazard statements  
H315 Causes skin irritation.  
H318 Causes serious eye damage.

## 5 L CLEANLINE 3 RED HEAVY DUTY DEGREASER

|                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Precautionary statements</b>               | <p>P280 Wear protective clothing and gloves.</p> <p>P302+P352 IF ON SKIN: Wash with plenty of water.</p> <p>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P332+P313 If skin irritation occurs: Get medical advice/ attention.</p> <p>P362+P364 Take off contaminated clothing and wash it before reuse.</p> <p>P501 Dispose of contents/ container in accordance with local regulations.</p> |
| <b>Contains</b>                               | ALCOHOLS, C12-14, ETHOXYLATED, C12-14-ALKYL ETHER SULFATES, DISODIUM METASILICATE                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Supplementary precautionary statements</b> | <p>P264 Wash contaminated skin thoroughly after handling.</p> <p>P310 Immediately call a POISON CENTER/ doctor.</p> <p>P321 Specific treatment (see medical advice on this label).</p>                                                                                                                                                                                                                                                                                                                |

### 2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

|                                                                                                  |                      |                                                                    |             |
|--------------------------------------------------------------------------------------------------|----------------------|--------------------------------------------------------------------|-------------|
| <b>ALCOHOLS, C12-14, ETHOXYLATED</b>                                                             |                      |                                                                    | <b>1-5%</b> |
| CAS number: 68439-50-9                                                                           | EC number: 500-213-3 | REACH registration number: 01-2119487984-16-XXXX                   |             |
| M factor (Acute) = 1                                                                             |                      |                                                                    |             |
| <b>Classification</b><br>Eye Dam. 1 - H318<br>Aquatic Acute 1 - H400<br>Aquatic Chronic 3 - H412 |                      | <b>Classification (67/548/EEC or 1999/45/EC)</b><br>Xi;R41. N;R50. |             |

|                                                                                                |                      |                                                                 |             |
|------------------------------------------------------------------------------------------------|----------------------|-----------------------------------------------------------------|-------------|
| <b>C12-14-ALKYL ETHER SULFATES</b>                                                             |                      |                                                                 | <b>1-5%</b> |
| CAS number: 68891-38-3                                                                         | EC number: 500-234-8 | REACH registration number: 01-2119488639-16-XXXX                |             |
| <b>Classification</b><br>Skin Irrit. 2 - H315<br>Eye Dam. 1 - H318<br>Aquatic Chronic 3 - H412 |                      | <b>Classification (67/548/EEC or 1999/45/EC)</b><br>Xi;R38,R41. |             |

|                                                                                                               |                      |                                                                  |             |
|---------------------------------------------------------------------------------------------------------------|----------------------|------------------------------------------------------------------|-------------|
| <b>DISODIUM METASILICATE</b>                                                                                  |                      |                                                                  | <b>1-5%</b> |
| CAS number: 6834-92-0                                                                                         | EC number: 229-912-9 | REACH registration number: 01-2119449811-37-XXXX                 |             |
| <b>Classification</b><br>Met. Corr. 1 - H290<br>Skin Corr. 1B - H314<br>Eye Dam. 1 - H318<br>STOT SE 3 - H335 |                      | <b>Classification (67/548/EEC or 1999/45/EC)</b><br>C;R34 Xi;R37 |             |

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

### SECTION 4: First aid measures

## 5 L CLEANLINE 3 RED HEAVY DUTY DEGREASER

### 4.1. Description of first aid measures

|                            |                                                                                                                                                                                                                                                                        |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>General information</b> | Provide eyewash station.                                                                                                                                                                                                                                               |
| <b>Inhalation</b>          | Move affected person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.                                                                                                                                         |
| <b>Ingestion</b>           | Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.                                                                                                   |
| <b>Skin contact</b>        | Rinse immediately with plenty of water. Remove contaminated clothing. Get medical attention if irritation persists after washing.                                                                                                                                      |
| <b>Eye contact</b>         | Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if symptoms are severe or persist after washing. Show this Safety Data Sheet to the medical personnel. |

### 4.2. Most important symptoms and effects, both acute and delayed

|                            |                                                                                                                                                                                                                         |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>General information</b> | Provide eyewash station.                                                                                                                                                                                                |
| <b>Skin contact</b>        | Prolonged contact may cause redness, irritation and dry skin.                                                                                                                                                           |
| <b>Eye contact</b>         | The product is irritating to eyes and skin. Prolonged or repeated exposure may cause the following adverse effects: Irritation and redness, followed by blurred vision. Corneal damage. Risk of serious damage to eyes. |

### 4.3. Indication of any immediate medical attention and special treatment needed

|                             |                              |
|-----------------------------|------------------------------|
| <b>Notes for the doctor</b> | No specific recommendations. |
|-----------------------------|------------------------------|

## **SECTION 5: Firefighting measures**

### 5.1. Extinguishing media

|                                     |                                                                                                                                   |
|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| <b>Suitable extinguishing media</b> | The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire. Foam, carbon dioxide or dry powder. |
|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|

### 5.2. Special hazards arising from the substance or mixture

|                                      |                                                                                                                              |
|--------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| <b>Hazardous combustion products</b> | Thermal decomposition or combustion products may include the following substances: Oxides of carbon. Toxic gases or vapours. |
|--------------------------------------|------------------------------------------------------------------------------------------------------------------------------|

### 5.3. Advice for firefighters

|                                                      |                                                                                                       |
|------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| <b>Protective actions during firefighting</b>        | Control run-off water by containing and keeping it out of sewers and watercourses.                    |
| <b>Special protective equipment for firefighters</b> | Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. |

## **SECTION 6: Accidental release measures**

### 6.1. Personal precautions, protective equipment and emergency procedures

|                             |                                                                                                                                                                                       |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Personal precautions</b> | For personal protection, see Section 8. Treat the spilled material according to the instructions in the clean-up section. Take care as floors and other surfaces may become slippery. |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### 6.2. Environmental precautions

|                                  |                                                                                                                              |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| <b>Environmental precautions</b> | Collect and dispose of spillage as indicated in Section 13. Do not discharge into drains or watercourses or onto the ground. |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------|

### 6.3. Methods and material for containment and cleaning up

## 5 L CLEANLINE 3 RED HEAVY DUTY DEGREASER

**Methods for cleaning up** Stop leak if safe to do so. Absorb in vermiculite, dry sand or earth and place into containers. Flush contaminated area with plenty of water. Avoid the spillage or runoff entering drains, sewers or watercourses.

### 6.4. Reference to other sections

**Reference to other sections** For personal protection, see Section 8. See Section 11 for additional information on health hazards. For waste disposal, see Section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Usage precautions** Provide adequate ventilation. Avoid spilling. Avoid contact with skin and eyes. Wear protective clothing as described in Section 8 of this safety data sheet. Avoid breathing vapour/spray. Do not mix with other household chemical products. Do not mix with acid.

**Advice on general occupational hygiene** Good personal hygiene procedures should be implemented. Do not eat, drink or smoke when using this product. Wash skin thoroughly after handling. Take off contaminated clothing and wash it before reuse. Use appropriate hand lotion to prevent defatting and cracking of skin.

### 7.2. Conditions for safe storage, including any incompatibilities

**Storage precautions** Store in tightly-closed, original container in a dry, cool and well-ventilated place. Store at room temperature. Keep out of the reach of children. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

### 7.3. Specific end use(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

## SECTION 8: Exposure Controls/personal protection

### 8.1. Control parameters

#### ALCOHOLS, C12-14, ETHOXYLATED (CAS: 68439-50-9)

**DNEL**

- Workers - Inhalation; Long term systemic effects: 294 mg/m<sup>3</sup>
- Workers - Dermal; Long term systemic effects: 2080 mg/kg/day
- General population - Inhalation; Long term systemic effects: 87 mg/m<sup>3</sup>
- General population - Dermal; Long term systemic effects: 1250 mg/kg/day
- General population - Oral; Long term systemic effects: 25 mg/kg/day

**PNEC**

- Fresh water; 0.0437 mg/l
- Intermittent release; 0.004 mg/l
- STP; 10 mg/l
- Sediment (Freshwater); 31 mg/kg
- Sediment (Marinewater); 31 mg/kg
- Soil; 1 mg/kg

#### C12-14-ALKYL ETHER SULFATES (CAS: 68891-38-3)

**DNEL**

- Workers - Inhalation; Long term systemic effects: 175 mg/m<sup>3</sup>
- Workers - Dermal; Long term systemic effects: 2750 mg/kg/day
- Consumer - Inhalation; Long term systemic effects: 52 mg/m<sup>3</sup>
- Consumer - Dermal; Long term systemic effects: 1650 mg/kg/day
- Consumer - Oral; Long term systemic effects: 15 mg/kg/day

## 5 L CLEANLINE 3 RED HEAVY DUTY DEGREASER

### PNEC

- Fresh water; 0.24 mg/l
- Marine water; 0.024 mg/l
- Intermittent release; 0.071 mg/l
- Sediment, Fresh water; 0.917 mg/kg
- Sediment, Marine water; 0.092 mg/kg
- Soil; 7.5 mg/kg
- STP; 10,000 mg/l

### 8.2. Exposure controls

#### Protective equipment



#### Appropriate engineering controls

Provide adequate ventilation.

#### Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Unless the assessment indicates a higher degree of protection is required, the following protection should be worn: Tight-fitting safety glasses. Personal protective equipment for eye and face protection should comply with European Standard EN166.

#### Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. It is recommended that gloves are made of the following material: Polyvinyl chloride (PVC). Rubber (natural, latex). Neoprene. Nitrile rubber. Polyethylene. To protect hands from chemicals, gloves should comply with European Standard EN374.

#### Other skin and body protection

Wear appropriate clothing to prevent repeated or prolonged skin contact. Use appropriate hand lotion to prevent defatting and cracking of skin.

#### Hygiene measures

When using do not eat, drink or smoke. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site. Use appropriate skin cream to prevent drying of skin.

#### Respiratory protection

Respiratory protection not required.

#### Environmental exposure controls

Avoid releasing into the environment.

### SECTION 9: Physical and Chemical Properties

#### 9.1. Information on basic physical and chemical properties

|                                          |                                                             |
|------------------------------------------|-------------------------------------------------------------|
| Appearance                               | Liquid.                                                     |
| Colour                                   | Red.                                                        |
| Odour                                    | No characteristic odour.                                    |
| pH                                       | pH (concentrated solution): >12.5                           |
| Relative density                         | 1.050-1.070 @ 20°C                                          |
| Solubility(ies)                          | Soluble in water.                                           |
| Explosive under the influence of a flame | Not considered to be explosive.                             |
| Comments                                 | Information given is applicable to the product as supplied. |

## 5 L CLEANLINE 3 RED HEAVY DUTY DEGREASER

### 9.2. Other information

Other information                      Not relevant.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Reactivity                              There are no known reactivity hazards associated with this product.

### 10.2. Chemical stability

Stability                                Stable at normal ambient temperatures.

### 10.3. Possibility of hazardous reactions

Possibility of hazardous reactions                      Not applicable.

### 10.4. Conditions to avoid

Conditions to avoid                      Avoid exposure to high temperatures or direct sunlight.

### 10.5. Incompatible materials

Materials to avoid                      No specific material or group of materials is likely to react with the product to produce a hazardous situation.

### 10.6. Hazardous decomposition products

Hazardous decomposition products                      No known hazardous decomposition products.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Toxicological effects                      No information available.

General information                      This product has low toxicity.

Ingestion                                May cause irritation. Symptoms following overexposure may include the following: Stomach pain. Nausea, vomiting. Diarrhoea.

Skin contact                              Skin irritation should not occur when used as recommended. Prolonged or repeated exposure may cause the following adverse effects: Irritation. Redness. Dryness and/or cracking. Mild dermatitis, allergic skin rash.

Eye contact                                Irritating to eyes. May cause serious eye damage. Severe irritation, burning, tearing and blurred vision. Corneal damage.

## SECTION 12: Ecological Information

Ecotoxicity                                There are no data on the ecotoxicity of this product. Not regarded as dangerous for the environment.

### 12.1. Toxicity

Toxicity                                    Not considered toxic to fish.

### 12.2. Persistence and degradability

## 5 L CLEANLINE 3 RED HEAVY DUTY DEGREASER

**Persistence and degradability** There are no data on the degradability of this product. The surfactant(s) contained in this product complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them at their direct request, or at the request of a detergent manufacturer.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential** No data available on bioaccumulation.

### 12.4. Mobility in soil

**Mobility** The product is water-soluble and may spread in water systems.

### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

### 12.6. Other adverse effects

**Other adverse effects** None known.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**General information** Do not discharge into drains or watercourses or onto the ground.

**Disposal methods** Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Reuse or recycle products wherever possible.

## SECTION 14: Transport information

**General** The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

### 14.1. UN number

Not applicable.

### 14.2. UN proper shipping name

Not applicable.

### 14.3. Transport hazard class(es)

No transport warning sign required.

### 14.4. Packing group

Not applicable.

### 14.5. Environmental hazards

**Environmentally hazardous substance/marine pollutant**  
No.

### 14.6. Special precautions for user

Not applicable.

### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not applicable.

## 5 L CLEANLINE 3 RED HEAVY DUTY DEGREASER

### SECTION 15: Regulatory information

#### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

|                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>National regulations</b> | The Control of Substances Hazardous to Health Regulations 2002 (SI 2002 No. 2677) (as amended).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>EU legislation</b>       | <p>Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).</p> <p>Commission Regulation (EU) No 453/2010 of 20 May 2010.</p> <p>Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).</p> <p>Commission Directive 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work (as amended).</p> <p>Commission Decision 2000/532/EC as amended by Decision 2001/118/EC establishing a list of wastes and hazardous waste pursuant to Council Directive 75/442/EEC on waste and Directive 91/689/EEC on hazardous waste with amendments.</p> <p>Commission Regulation (EU) No 2015/830 of 28 May 2015.</p> |
| <b>Guidance</b>             | <p>Workplace Exposure Limits EH40.</p> <p>ECHA Guidance on the Application of the CLP Criteria.</p> <p>ECHA Guidance on the compilation of safety data sheets.</p> <p>COSHH Essentials.</p> <p>Technical Guidance WM2: Hazardous Waste.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

#### 15.2. Chemical safety assessment

No information available.

### SECTION 16: Other information

|                                                                 |                                                                                                                                                                                                                                                                                                                              |
|-----------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Abbreviations and acronyms used in the safety data sheet</b> | <p>DNEL: Derived No Effect Level.</p> <p>PBT: Persistent, Bioaccumulative and Toxic substance.</p> <p>PNEC: Predicted No Effect Concentration.</p> <p>MARPOL 73/78: International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978.</p>                                       |
| <b>Revision comments</b>                                        | New revision number applied to comply with 'Commission Regulation (EU) No 2015/830 Of 28 May 2015' NOTE: Lines within the margin indicate significant changes from the previous revision.                                                                                                                                    |
| <b>Revision date</b>                                            | 12/06/2017                                                                                                                                                                                                                                                                                                                   |
| <b>Revision</b>                                                 | 1                                                                                                                                                                                                                                                                                                                            |
| <b>SDS number</b>                                               | 21717                                                                                                                                                                                                                                                                                                                        |
| <b>Hazard statements in full</b>                                | <p>H290 May be corrosive to metals.</p> <p>H314 Causes severe skin burns and eye damage.</p> <p>H315 Causes skin irritation.</p> <p>H318 Causes serious eye damage.</p> <p>H335 May cause respiratory irritation.</p> <p>H400 Very toxic to aquatic life.</p> <p>H412 Harmful to aquatic life with long lasting effects.</p> |

## **5 L CLEANLINE 3 RED HEAVY DUTY DEGREASER**

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

**SAFETY DATA SHEET**  
CLEANLINE HARDWATER MACHINE DISHWASH

Page: 1

Compilation date: 26/03/2015

Revision date: 13/06/2018

Revision No: 9

**Section 1: Identification of the substance/mixture and of the company/undertaking**

**1.1. Product identifier**

Product name: CLEANLINE HARDWATER MACHINE DISHWASH

Product code: 75/02

**1.2. Relevant identified uses of the substance or mixture and uses advised against**

Use of substance / mixture: Cleaning product for professional use.

**1.3. Details of the supplier of the safety data sheet**

Company name: Prime Source

PO Box 15247

Birmingham

B23 3HN

Tel: 08085 749312

Email: info@prime-source.co.uk

**1.4. Emergency telephone number**

Emergency tel: 01865 407 333 (24 hour - Medical Emergency Only)

**Section 2: Hazards identification**

**2.1. Classification of the substance or mixture**

Classification under CLP: Skin Corr. 1A: H314

Most important adverse effects: Causes severe skin burns and eye damage.

**2.2. Label elements**

Label elements:

Hazard statements: H314: Causes severe skin burns and eye damage.

Hazard pictograms: GHS05: Corrosion



Signal words: Danger

Precautionary statements: P260: Do not breathe dust/fumes/gas/mist/vapours/spray.

P280: Wear protective gloves.

P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting

P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing.

Rinse skin with water .

P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for

[cont...]

**SAFETY DATA SHEET**  
CLEANLINE HARDWATER MACHINE DISHWASH

Page: 2

breathing.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**2.3. Other hazards**

**PBT:** This product is not identified as a PBT/vPvB substance.

**Section 3: Composition/information on ingredients**

**3.2. Mixtures**

**Hazardous ingredients:**

**TETRASODIUM (1-HYDROXYETHYLIDENE)BISPHOSPHONATE**

| EINECS    | CAS       | PBT / WEL | CLP Classification                     | Percent |
|-----------|-----------|-----------|----------------------------------------|---------|
| 223-267-7 | 3794-83-0 | -         | Eye Irrit. 2: H319; Acute Tox. 4: H302 | 10-30%  |

**SODIUM HYDROXIDE**

|           |           |   |                     |       |
|-----------|-----------|---|---------------------|-------|
| 215-185-5 | 1310-73-2 | - | Skin Corr. 1A: H314 | 1-10% |
|-----------|-----------|---|---------------------|-------|

**Section 4: First aid measures**

**4.1. Description of first aid measures**

**Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin.

Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Transfer to hospital if there are burns or symptoms of poisoning.

**Eye contact:** Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.

**Ingestion:** Wash out mouth with water. Do not induce vomiting. Give 1 cup of water to drink every 10 minutes. If unconscious, check for breathing and apply artificial respiration if necessary. If unconscious and breathing is OK, place in the recovery position. Transfer to hospital as soon as possible.

**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. If unconscious and breathing is OK, place in the recovery position. If conscious, ensure the casualty sits or lies down. If breathing becomes bubbly, have the casualty sit and provide oxygen if available. Transfer to hospital as soon as possible.

**4.2. Most important symptoms and effects, both acute and delayed**

**Skin contact:** Blistering may occur. Progressive ulceration will occur if treatment is not immediate.

**Eye contact:** Corneal burns may occur. May cause permanent damage.

**Ingestion:** Corrosive burns may appear around the lips. Blood may be vomited. There may be bleeding from the mouth or nose.

**Inhalation:** There may be shortness of breath with a burning sensation in the throat. Exposure may cause coughing or wheezing.

**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

[cont...]

**SAFETY DATA SHEET**  
CLEANLINE HARDWATER MACHINE DISHWASH

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**4.3. Indication of any immediate medical attention and special treatment needed**

**Immediate / special treatment:** Eye bathing equipment should be available on the premises.

**Section 5: Fire-fighting measures**

**5.1. Extinguishing media**

**Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

**5.2. Special hazards arising from the substance or mixture**

**Exposure hazards:** Corrosive. In combustion emits toxic fumes.

**5.3. Advice for fire-fighters**

**Advice for fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

**Section 6: Accidental release measures**

**6.1. Personal precautions, protective equipment and emergency procedures**

**Personal precautions:** Notify the police and fire brigade immediately. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing - see section 8 of SDS. Turn leaking containers leak-side up to prevent the escape of liquid.

**6.2. Environmental precautions**

**Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding.

**6.3. Methods and material for containment and cleaning up**

**Clean-up procedures:** Clean-up should be dealt with only by qualified personnel familiar with the specific substance. Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

**6.4. Reference to other sections**

**Reference to other sections:** Refer to section 8 of SDS.

**Section 7: Handling and storage**

**7.1. Precautions for safe handling**

**Handling requirements:** Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air.

**7.2. Conditions for safe storage, including any incompatibilities**

**Storage conditions:** Store in a cool, well ventilated area. Keep container tightly closed.

**Suitable packaging:** Must only be kept in original packaging.

[cont...]

**SAFETY DATA SHEET**  
CLEANLINE HARDWATER MACHINE DISHWASH

Page: 4

**7.3. Specific end use(s)**

Specific end use(s): No data available.

**Section 8: Exposure controls/personal protection**

**8.1. Control parameters**

**Hazardous ingredients:**

**SODIUM HYDROXIDE**

**Workplace exposure limits:**

**Respirable dust**

| State | 8 hour TWA | 15 min. STEL | 8 hour TWA | 15 min. STEL |
|-------|------------|--------------|------------|--------------|
| UK    | -          | 2 mg/m3      | -          | -            |

**DNEL/PNEC Values**

DNEL / PNEC No data available.

**8.2. Exposure controls**

**Engineering measures:** Ensure there is sufficient ventilation of the area.

**Respiratory protection:** Self-contained breathing apparatus must be available in case of emergency.

**Hand protection:** Impermeable gloves.

**Eye protection:** Tightly fitting safety goggles. Ensure eye bath is to hand.

**Skin protection:** Impermeable protective clothing.

**Environmental:** Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

**Section 9: Physical and chemical properties**

**9.1. Information on basic physical and chemical properties**

**State:** Liquid

**Colour:** Colourless

**Odour:** Characteristic odour

**Oxidising:** Non-oxidising (by EC criteria)

**Solubility in water:** Soluble

**Viscosity:** Non-viscous

**Flash point°C:** >70

**pH:** 13

**9.2. Other information**

Other information: No data available.

[cont...]

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CLEANLINE HARDWATER MACHINE DISHWASH

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**Section 10: Stability and reactivity**

**10.1. Reactivity**

**Reactivity:** Stable under recommended transport or storage conditions.

**10.2. Chemical stability**

**Chemical stability:** Stable under normal conditions.

**10.3. Possibility of hazardous reactions**

**Hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions.  
Decomposition may occur on exposure to conditions or materials listed below.

**10.4. Conditions to avoid**

**Conditions to avoid:** Heat.

**10.5. Incompatible materials**

**Materials to avoid:** Strong oxidising agents. Strong acids.

**10.6. Hazardous decomposition products**

**Haz. decomp. products:** In combustion emits toxic fumes.

**Section 11: Toxicological information**

**11.1. Information on toxicological effects**

**Hazardous ingredients:**

**SODIUM HYDROXIDE**

|     |     |      |     |       |
|-----|-----|------|-----|-------|
| IPR | MUS | LD50 | 40  | mg/kg |
| ORL | RBT | LDLO | 500 | mg/kg |

**Relevant hazards for product:**

| Hazard                        | Route | Basis                 |
|-------------------------------|-------|-----------------------|
| Skin corrosion/irritation     | DRM   | Hazardous: calculated |
| Serious eye damage/irritation | OPT   | Hazardous: calculated |

**Symptoms / routes of exposure**

**Skin contact:** Blistering may occur. Progressive ulceration will occur if treatment is not immediate.

**Eye contact:** Corneal burns may occur. May cause permanent damage.

**Ingestion:** Corrosive burns may appear around the lips. Blood may be vomited. There may be bleeding from the mouth or nose.

**Inhalation:** There may be shortness of breath with a burning sensation in the throat. Exposure may cause coughing or wheezing.

**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

[cont...]

**SAFETY DATA SHEET**  
CLEANLINE HARDWATER MACHINE DISHWASH

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**Section 12: Ecological information**

**12.1. Toxicity**

**Ecotoxicity values:** No data available.

**12.2. Persistence and degradability**

**Persistence and degradability:** Biodegradable.

**12.3. Bioaccumulative potential**

**Bioaccumulative potential:** No bioaccumulation potential.

**12.4. Mobility in soil**

**Mobility:** Readily absorbed into soil.

**12.5. Results of PBT and vPvB assessment**

**PBT identification:** This product is not identified as a PBT/vPvB substance.

**12.6. Other adverse effects**

**Other adverse effects:** Negligible ecotoxicity.

**Section 13: Disposal considerations**

**13.1. Waste treatment methods**

**Disposal operations:** Transfer to a suitable container and arrange for collection by specialised disposal company.

**Disposal of packaging:** The generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

**Section 14: Transport information**

**14.1. UN number**

**UN number:** UN1824

**14.2. UN proper shipping name**

**Shipping name:** SODIUM HYDROXIDE SOLUTION

**14.3. Transport hazard class(es)**

**Transport class:** 8

**14.4. Packing group**

**Packing group:** II

[cont...]

**SAFETY DATA SHEET**  
CLEANLINE HARDWATER MACHINE DISHWASH

Page: 7

**14.5. Environmental hazards**

**Environmentally hazardous:** No

**Marine pollutant:** No

**14.6. Special precautions for user**

**Special precautions:** No special precautions.

**Tunnel code:** E

**Transport category:** 2

**Section 15: Regulatory information**

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

**Specific regulations:** Not applicable.

**15.2. Chemical Safety Assessment**

**Chemical safety assessment:** A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

**Section 16: Other information**

**Other information**

**Other information:** according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

\* indicates text in the SDS which has changed since the last revision.

**Phrases used in s.2 and s.3:** H302: Harmful if swallowed.

H314: Causes severe skin burns and eye damage.

H319: Causes serious eye irritation.

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

**SAFETY DATA SHEET**  
CLEANLINE MACHINE RINSE AID

Page: 1

Compilation date: 11/02/2016

Revision date: 01/06/2018

Revision No: 5

**Section 1: Identification of the substance/mixture and of the company/undertaking**

**1.1. Product identifier**

Product name: CLEANLINE MACHINE RINSE AID

Product code: 76/03

**1.2. Relevant identified uses of the substance or mixture and uses advised against**

Use of substance / mixture: Rinse Aid for professional use.

**1.3. Details of the supplier of the safety data sheet**

Company name: Prime Source

PO Box 15247

Birmingham

B23 3HN

Tel: 08085 749312

Email: info@prime-source.co.uk

**1.4. Emergency telephone number**

Emergency tel: 01865 407 333 (24 hour - Medical Emergency Only)

**Section 2: Hazards identification**

**2.1. Classification of the substance or mixture**

Classification under CLP: Skin Corr. 1B: H314

Most important adverse effects: Causes severe skin burns and eye damage.

**2.2. Label elements**

Label elements:

Hazard statements: H314: Causes severe skin burns and eye damage.

Hazard pictograms: GHS05: Corrosion



Signal words: Danger

Precautionary statements: P260: Do not breathe dust/fumes/gas/mist/vapours/spray.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting

P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing.

Rinse skin with water .

P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for

[cont...]

**SAFETY DATA SHEET**  
CLEANLINE MACHINE RINSE AID

Page: 2

breathing.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**2.3. Other hazards**

**Other hazards:** In use, may form flammable / explosive vapour-air mixture.

**PBT:** This product is not identified as a PBT/vPvB substance.

**Section 3: Composition/information on ingredients**

**3.2. Mixtures**

**Hazardous ingredients:**

PROPAN-2-OL - REACH registered number(s): 012119457558-25-XXXX

| EINECS    | CAS     | PBT / WEL | CLP Classification                                         | Percent |
|-----------|---------|-----------|------------------------------------------------------------|---------|
| 200-661-7 | 67-63-0 | -         | Flam. Liq. 2: H225; Eye Irrit. 2: H319;<br>STOT SE 3: H336 | 1-10%   |

**Section 4: First aid measures**

**4.1. Description of first aid measures**

**Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin.

Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Transfer to hospital if there are burns or symptoms of poisoning.

**Eye contact:** Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.

**Ingestion:** Wash out mouth with water. Do not induce vomiting. Give 1 cup of water to drink every 10 minutes. If unconscious, check for breathing and apply artificial respiration if necessary. If unconscious and breathing is OK, place in the recovery position. Transfer to hospital as soon as possible.

**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. If unconscious and breathing is OK, place in the recovery position. If conscious, ensure the casualty sits or lies down. If breathing becomes bubbly, have the casualty sit and provide oxygen if available. Transfer to hospital as soon as possible.

**4.2. Most important symptoms and effects, both acute and delayed**

**Skin contact:** Blistering may occur. Progressive ulceration will occur if treatment is not immediate.

**Eye contact:** Corneal burns may occur. May cause permanent damage.

**Ingestion:** Corrosive burns may appear around the lips. Blood may be vomited. There may be bleeding from the mouth or nose.

**Inhalation:** There may be shortness of breath with a burning sensation in the throat. Exposure may cause coughing or wheezing.

**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

[cont...]

**SAFETY DATA SHEET**  
CLEANLINE MACHINE RINSE AID

Page: 3

**4.3. Indication of any immediate medical attention and special treatment needed**

**Immediate / special treatment:** Eye bathing equipment should be available on the premises.

**Section 5: Fire-fighting measures**

**5.1. Extinguishing media**

**Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

**5.2. Special hazards arising from the substance or mixture**

**Exposure hazards:** Corrosive. In combustion emits toxic fumes.

**5.3. Advice for fire-fighters**

**Advice for fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

**Section 6: Accidental release measures**

**6.1. Personal precautions, protective equipment and emergency procedures**

**Personal precautions:** Notify the police and fire brigade immediately. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing - see section 8 of SDS. Turn leaking containers leak-side up to prevent the escape of liquid.

**6.2. Environmental precautions**

**Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding.

**6.3. Methods and material for containment and cleaning up**

**Clean-up procedures:** Clean-up should be dealt with only by qualified personnel familiar with the specific substance. Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

**6.4. Reference to other sections**

**Reference to other sections:** Refer to section 8 of SDS.

**Section 7: Handling and storage**

**7.1. Precautions for safe handling**

**Handling requirements:** Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area.  
Do not handle in a confined space. Avoid the formation or spread of mists in the air.

**7.2. Conditions for safe storage, including any incompatibilities**

**Storage conditions:** Store in a cool, well ventilated area. Keep container tightly closed.

[cont...]

**SAFETY DATA SHEET**  
CLEANLINE MACHINE RINSE AID

Page: 4

**7.3. Specific end use(s)**

**Specific end use(s):** No data available.

**Section 8: Exposure controls/personal protection**

**8.1. Control parameters**

**Hazardous ingredients:**

**PROPAN-2-OL**

**Workplace exposure limits:**

**Respirable dust**

| State | 8 hour TWA | 15 min. STEL | 8 hour TWA | 15 min. STEL |
|-------|------------|--------------|------------|--------------|
| UK    | 999 mg/m3  | 1250 mg/m3   | -          | -            |

**DNEL/PNEC Values**

**DNEL / PNEC** No data available.

**8.2. Exposure controls**

**Engineering measures:** Ensure there is sufficient ventilation of the area.

**Respiratory protection:** Not required for normal conditions of use.

**Hand protection:** Protective gloves.

**Eye protection:** Safety glasses are not normally required. However their use is recommended where there is a risk of spray mist or splashing when using or handling product.

**Skin protection:** Wear appropriate clothing to prevent any possibility of skin contact.

**Section 9: Physical and chemical properties**

**9.1. Information on basic physical and chemical properties**

**State:** Liquid

**Colour:** Dark blue

**Odour:** Characteristic alcohol odour

**Oxidising:** Non-oxidising (by EC criteria)

**Solubility in water:** Soluble

**Viscosity:** Non-viscous

**Boiling point/range°C:** 100

**Flash point°C:** >61

**pH:** <3

**9.2. Other information**

**Other information:** No data available.

**Section 10: Stability and reactivity**

**10.1. Reactivity**

**Reactivity:** Stable under recommended transport or storage conditions.

[cont...]

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CLEANLINE MACHINE RINSE AID

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**10.2. Chemical stability**

**Chemical stability:** Stable under normal conditions.

**10.3. Possibility of hazardous reactions**

**Hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions.  
Decomposition may occur on exposure to conditions or materials listed below.

**10.4. Conditions to avoid**

**Conditions to avoid:** Heat.

**10.5. Incompatible materials**

**Materials to avoid:** Strong oxidising agents. Strong acids.

**10.6. Hazardous decomposition products**

**Haz. decomp. products:** In combustion emits toxic fumes.

**Section 11: Toxicological information**

**11.1. Information on toxicological effects**

**Hazardous ingredients:**

**PROPAN-2-OL**

|     |     |      |      |       |
|-----|-----|------|------|-------|
| IVN | RAT | LD50 | 1088 | mg/kg |
| ORL | MUS | LD50 | 3600 | mg/kg |
| ORL | RAT | LD50 | 5045 | mg/kg |
| SCU | MUS | LDLO | 6    | gm/kg |

**Relevant hazards for product:**

| Hazard                        | Route | Basis                 |
|-------------------------------|-------|-----------------------|
| Skin corrosion/irritation     | DRM   | Hazardous: calculated |
| Serious eye damage/irritation | OPT   | Hazardous: calculated |

**Symptoms / routes of exposure**

**Skin contact:** Blistering may occur. Progressive ulceration will occur if treatment is not immediate.

**Eye contact:** Corneal burns may occur. May cause permanent damage.

**Ingestion:** Corrosive burns may appear around the lips. Blood may be vomited. There may be bleeding from the mouth or nose.

**Inhalation:** There may be shortness of breath with a burning sensation in the throat. Exposure may cause coughing or wheezing.

**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

**Section 12: Ecological information**

[cont...]

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CLEANLINE MACHINE RINSE AID

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**12.1. Toxicity**

**Ecotoxicity values:** No data available.

**12.2. Persistence and degradability**

**Persistence and degradability:** Biodegradable.

**12.3. Bioaccumulative potential**

**Bioaccumulative potential:** No bioaccumulation potential.

**12.4. Mobility in soil**

**Mobility:** Readily absorbed into soil.

**12.5. Results of PBT and vPvB assessment**

**PBT identification:** This product is not identified as a PBT/vPvB substance.

**12.6. Other adverse effects**

**Other adverse effects:** Negligible ecotoxicity.

**Section 13: Disposal considerations**

**13.1. Waste treatment methods**

**Disposal operations:** Transfer to a suitable container and arrange for collection by specialised disposal company.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

**Section 14: Transport information**

**Transport class:** This product does not require a classification for transport.

**Section 15: Regulatory information**

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

**Specific regulations:** Not applicable.

**15.2. Chemical Safety Assessment**

**Chemical safety assessment:** A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

**Section 16: Other information**

**Other information**

**Other information:** according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

\* indicates text in the SDS which has changed since the last revision.

**Phrases used in s.2 and s.3:** H225: Highly flammable liquid and vapour.

H314: Causes severe skin burns and eye damage.

H319: Causes serious eye irritation.

H336: May cause drowsiness or dizziness.

[cont...]

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CLEANLINE MACHINE RINSE AID

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**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.



## SAFETY DATA SHEET

### 5 L CLEANLINE CONCENTRATED ORIGINAL WASHING UP LIQUID

Commission Regulation (EU) No 2015/830 of 28 May 2015.

#### SECTION 1: Identification of the substance/mixture and of the company/undertaking

##### 1.1. Product identifier

**Product name** 5 L CLEANLINE CONCENTRATED ORIGINAL WASHING UP LIQUID  
**Product number** 800-166-4001  
**Container size** 4 x 5 litres

##### 1.2. Relevant identified uses of the substance or mixture and uses advised against

**Identified uses** Detergent.

##### 1.3. Details of the supplier of the safety data sheet

**Supplier** PRIME SOURCE  
P O BOX 15247  
BIRMINGHAM  
B22 3HN  
tel: 08085 749312  
info@prime-source.co.uk

**Contact person** For content of safety data sheet:, info@prime-source.co.uk or TEL: – 08085 749312

##### 1.4. Emergency telephone number

**Emergency telephone** Prime Source: 01865 407333 - FOR MEDICAL EMERGENCY USE ONLY

**National emergency telephone number** In case of a medical emergency following exposure to a chemical call NHS Direct in England or Wales 0845 46 47 or NHS 24 in Scotland 08454 24 24 24

#### SECTION 2: Hazards identification

##### 2.1. Classification of the substance or mixture

###### Classification (EC 1272/2008)

**Physical hazards** Not Classified  
**Health hazards** Eye Irrit. 2 - H319  
**Environmental hazards** Aquatic Chronic 3 - H412

##### 2.2. Label elements

###### Pictogram



**Signal word** Warning

**Hazard statements** H319 Causes serious eye irritation.  
H412 Harmful to aquatic life with long lasting effects.

## 5 L CLEANLINE CONCENTRATED ORIGINAL WASHING UP LIQUID

|                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Precautionary statements</b> | <p>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P337+P313 If eye irritation persists: Get medical advice/ attention.</p> <p>P102 Keep out of reach of children.</p> <p>P280 Wear protective gloves.</p> <p>P264 Wash contaminated skin thoroughly after handling.</p> <p>P501 Dispose of contents/ container in accordance with local regulations.</p> |
| <b>Contains</b>                 | C12-14-ALKYL ETHER SULFATES, COCONUT DIETHANOLAMIDE, AMINES, C12-14 - ALKYLDIMETHYL, N-OXIDES                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Detergent labelling</b>      | 5 - < 15% anionic surfactants, < 5% non-ionic surfactants, Contains 2-Bromo-2-nitropropane-1, 3-diol                                                                                                                                                                                                                                                                                                                                                             |

### 2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

|                                                                                                |                                                                 |                                                  |              |
|------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|--------------------------------------------------|--------------|
| <b>C12-14-ALKYL ETHER SULFATES</b>                                                             |                                                                 |                                                  | <b>5-10%</b> |
| CAS number: 68891-38-3                                                                         | EC number: 500-234-8                                            | REACH registration number: 01-2119488639-16-XXXX |              |
| <b>Classification</b><br>Skin Irrit. 2 - H315<br>Eye Dam. 1 - H318<br>Aquatic Chronic 3 - H412 | <b>Classification (67/548/EEC or 1999/45/EC)</b><br>Xi;R38,R41. |                                                  |              |

|                                                                                                                                                 |                                                                                |                                                  |               |
|-------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|--------------------------------------------------|---------------|
| <b>AMINES, C12-14 -ALKYLDIMETHYL, N-OXIDES</b>                                                                                                  |                                                                                |                                                  | <b>&lt;1%</b> |
| CAS number: 308062-28-4                                                                                                                         | EC number: 931-292-6                                                           | REACH registration number: 01-2119490061-47-XXXX |               |
| M factor (Acute) = 1                                                                                                                            |                                                                                |                                                  |               |
| <b>Classification</b><br>Acute Tox. 4 - H302<br>Skin Irrit. 2 - H315<br>Eye Dam. 1 - H318<br>Aquatic Acute 1 - H400<br>Aquatic Chronic 2 - H411 | <b>Classification (67/548/EEC or 1999/45/EC)</b><br>Xn;R22. Xi;R38,R41. N;R50. |                                                  |               |

## 5 L CLEANLINE CONCENTRATED ORIGINAL WASHING UP LIQUID

### BRONOPOL (INN)

&lt;1%

CAS number: 52-51-7

EC number: 200-143-0

REACH registration number: 01-2119980938-15-XXXX

M factor (Acute) = 10

#### Classification

Acute Tox. 4 - H302

Acute Tox. 4 - H312

Skin Irrit. 2 - H315

Eye Dam. 1 - H318

STOT SE 3 - H335

Aquatic Acute 1 - H400

Aquatic Chronic 2 - H411

#### Classification (67/548/EEC or 1999/45/EC)

Xn;R21/22 Xi;R37/38,R41 N;R50

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

##### General information

Provide eyewash station.

##### Inhalation

Move affected person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.

##### Ingestion

Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.

##### Skin contact

Rinse immediately with plenty of water. Remove contaminated clothing. Get medical attention if irritation persists after washing.

##### Eye contact

Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if symptoms are severe or persist after washing. Show this Safety Data Sheet to the medical personnel.

#### 4.2. Most important symptoms and effects, both acute and delayed

##### General information

Provide eyewash station.

##### Skin contact

Prolonged contact may cause redness, irritation and dry skin.

##### Eye contact

The product is irritating to eyes and skin. Prolonged or repeated exposure may cause the following adverse effects: Irritation and redness, followed by blurred vision. Corneal damage. Risk of serious damage to eyes.

#### 4.3. Indication of any immediate medical attention and special treatment needed

##### Notes for the doctor

No specific recommendations.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

##### Suitable extinguishing media

The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire. Foam, carbon dioxide or dry powder.

#### 5.2. Special hazards arising from the substance or mixture

##### Hazardous combustion products

Thermal decomposition or combustion products may include the following substances: Oxides of carbon. Toxic gases or vapours.

#### 5.3. Advice for firefighters

## 5 L CLEANLINE CONCENTRATED ORIGINAL WASHING UP LIQUID

**Protective actions during firefighting** Control run-off water by containing and keeping it out of sewers and watercourses.

**Special protective equipment for firefighters** Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

**Personal precautions** For personal protection, see Section 8. Treat the spilled material according to the instructions in the clean-up section. Take care as floors and other surfaces may become slippery.

#### 6.2. Environmental precautions

**Environmental precautions** Collect and dispose of spillage as indicated in Section 13. Do not discharge into drains or watercourses or onto the ground.

#### 6.3. Methods and material for containment and cleaning up

**Methods for cleaning up** Stop leak if safe to do so. Absorb in vermiculite, dry sand or earth and place into containers. Flush contaminated area with plenty of water. Avoid the spillage or runoff entering drains, sewers or watercourses.

#### 6.4. Reference to other sections

**Reference to other sections** For personal protection, see Section 8. See Section 11 for additional information on health hazards. For waste disposal, see Section 13.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

**Usage precautions** Provide adequate ventilation. Avoid spilling. Avoid contact with skin and eyes. Wear protective clothing as described in Section 8 of this safety data sheet. Avoid breathing vapour/spray. Do not mix with other household chemical products. Do not mix with acid.

**Advice on general occupational hygiene** Good personal hygiene procedures should be implemented. Do not eat, drink or smoke when using this product. Wash skin thoroughly after handling. Take off contaminated clothing and wash it before reuse. Use appropriate hand lotion to prevent defatting and cracking of skin.

#### 7.2. Conditions for safe storage, including any incompatibilities

**Storage precautions** Store in tightly-closed, original container in a dry, cool and well-ventilated place. Store at room temperature. Keep out of the reach of children. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

#### 7.3. Specific end use(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

### SECTION 8: Exposure controls/Personal protection

#### 8.1. Control parameters

#### C12-14-ALKYL ETHER SULFATES (CAS: 68891-38-3)

**DNEL**

Workers - Inhalation; Long term systemic effects: 175 mg/m<sup>3</sup>  
 Workers - Dermal; Long term systemic effects: 2750 mg/kg/day  
 Consumer - Inhalation; Long term systemic effects: 52 mg/m<sup>3</sup>  
 Consumer - Dermal; Long term systemic effects: 1650 mg/kg/day  
 Consumer - Oral; Long term systemic effects: 15 mg/kg/day

## 5 L CLEANLINE CONCENTRATED ORIGINAL WASHING UP LIQUID

### PNEC

- Fresh water; 0.24 mg/l
- marine water; 0.024 mg/l
- Intermittent release; 0.071 mg/l
- Sediment, Fresh water; 0.917 mg/kg
- Sediment, marine water; 0.092 mg/kg
- Soil; 7.5 mg/kg
- STP; 10,000 mg/l

### COCONUT DIETHANOLAMIDE (CAS: 68603-42-9)

### DNEL

- Workers - Inhalation; Long term systemic effects: 73.4 mg/m<sup>3</sup>
- Workers - Dermal; Long term systemic effects: 4.16 mg/kg/day
- Workers - Dermal; Long term local effects: 0.0936 mg/cm<sup>2</sup>
- General population - Inhalation; Long term systemic effects: 21.73 mg/m<sup>3</sup>
- General population - Dermal; Long term systemic effects: 2.5 mg/kg/day
- General population - Dermal; Long term local effects: 0.0562 mg/cm<sup>2</sup>
- General population - Oral; Long term systemic effects: 6.25 mg/kg/day

### PNEC

- Fresh water; 0.007 mg/l
- marine water; 0.001 mg/l
- STP; 830 mg/l
- Sediment (Freshwater); 0.195 mg/kg
- Sediment (Marinewater); 0.019 mg/kg
- Soil; 0.035

### AMINES, C12-14 -ALKYLDIMETHYL, N-OXIDES (CAS: 308062-28-4)

### DNEL

- Workers - Inhalation; Long term systemic effects: 15.5 mg/m<sup>3</sup>
- Workers - Dermal; Long term systemic effects: 11 mg/kg/day
- General population - Inhalation; Long term systemic effects: 3.8 mg/m<sup>3</sup>
- General population - Dermal; Long term systemic effects: 5.5 mg/kg/day
- General population - Oral; Long term systemic effects: 0.44 mg/kg/day

### PNEC

- Fresh water; 0.034 mg/l
- marine water; 0.003 mg/l
- STP; 24 mg/l
- Sediment (Freshwater); 5.24 mg/kg
- Sediment (Marinewater); 0.524 mg/kg
- Soil; 1.02 mg/kg

### DIETHANOLAMINE (CAS: 111-42-2)

### DNEL

- Workers - Inhalation; Long term local effects: 1 mg/m<sup>3</sup>
- Workers - Dermal; Long term systemic effects: 0.13 mg/cm<sup>2</sup>
- General population - Inhalation; Long term local effects: 0.25 mg/m<sup>3</sup>
- General population - Dermal; Long term systemic effects: 0.07 mg/kg/day
- General population - Oral; Long term systemic effects: 0.06 mg/kg/day

### PNEC

- Fresh water; 0.02 mg/l
- marine water; 0.002 mg/l
- STP; 100 mg/l
- Sediment (Freshwater); 0.092 mg/kg
- Sediment (Marinewater); 0.009 mg/kg
- Soil; 0.007 mg/kg

### BRONOPOL (INN) (CAS: 52-51-7)

## 5 L CLEANLINE CONCENTRATED ORIGINAL WASHING UP LIQUID

### DNEL

Workers - Inhalation; Long term systemic effects: 4.1 mg/m<sup>3</sup>  
 Workers - Inhalation; Short term systemic effects: 12.3 mg/m<sup>3</sup>  
 Workers - Inhalation; Long term local effects: 4.2 mg/m<sup>3</sup>  
 Workers - Inhalation; Short term local effects: 4.2 mg/m<sup>3</sup>  
 Workers - Dermal; Long term systemic effects: 2.3 mg/kg/day  
 Workers - Dermal; Short term systemic effects: 7 mg/kg/day  
 Workers - Dermal; Long term local effects: 0.013 mg/cm<sup>2</sup>  
 Workers - Dermal; Short term local effects: 0.013 mg/cm<sup>2</sup>  
 General population - Inhalation; Long term systemic effects: 1.2 mg/m<sup>3</sup>  
 General population - Inhalation; Short term systemic effects: 3.7 mg/m<sup>3</sup>  
 General population - Inhalation; Long term local effects: 1.3 mg/m<sup>3</sup>  
 General population - Inhalation; Short term local effects: 1.3 mg/m<sup>3</sup>  
 General population - Dermal; Long term systemic effects: 1.4 mg/kg/day  
 General population - Dermal; Short term systemic effects: 4.2 mg/kg/day  
 General population - Dermal; Long term local effects: 0.008 mg/cm<sup>2</sup>  
 General population - Dermal; Short term local effects: 0.008 mg/cm<sup>2</sup>  
 General population - Oral; Long term systemic effects: 0.35 mg/kg/day  
 General population - Oral; Short term systemic effects: 1.1 mg/kg/day

### PNEC

- Fresh water; 0.01 mg/l  
 - marine water; 0.008 mg/l  
 - Intermittent release; 0.0025 mg/l  
 - STP; 0.43 mg/l  
 - Sediment (Freshwater); 0.041 mg/kg  
 - Sediment (Marinewater); 0.00328 mg/kg  
 - Soil; 0.5 mg/kg

### 8.2. Exposure controls

#### Protective equipment



#### Appropriate engineering controls

Provide adequate ventilation.

#### Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Unless the assessment indicates a higher degree of protection is required, the following protection should be worn: Tight-fitting safety glasses. Personal protective equipment for eye and face protection should comply with European Standard EN166.

#### Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. It is recommended that gloves are made of the following material: Polyvinyl chloride (PVC). Rubber (natural, latex). Neoprene. Nitrile rubber. Polyethylene. To protect hands from chemicals, gloves should comply with European Standard EN374.

#### Other skin and body protection

Wear appropriate clothing to prevent repeated or prolonged skin contact. Use appropriate hand lotion to prevent defatting and cracking of skin.

#### Hygiene measures

When using do not eat, drink or smoke. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site. Use appropriate skin cream to prevent drying of skin.

#### Respiratory protection

Respiratory protection not required.

## 5 L CLEANLINE CONCENTRATED ORIGINAL WASHING UP LIQUID

**Environmental exposure controls**      Avoid releasing into the environment.

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

|                                          |                                                             |
|------------------------------------------|-------------------------------------------------------------|
| Appearance                               | Liquid.                                                     |
| Colour                                   | Greenish.                                                   |
| Odour                                    | Odourless.                                                  |
| pH                                       | pH (concentrated solution): 6.5 - 8.5                       |
| Relative density                         | 1.020 - 1.040                                               |
| Solubility(ies)                          | Soluble in water.                                           |
| Viscosity                                | Not determined.                                             |
| Explosive under the influence of a flame | Not considered to be explosive.                             |
| Comments                                 | Information given is applicable to the product as supplied. |

#### 9.2. Other information

|                   |               |
|-------------------|---------------|
| Other information | Not relevant. |
| Refractive index  | 11.0-13.0     |

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

|            |                                                                     |
|------------|---------------------------------------------------------------------|
| Reactivity | There are no known reactivity hazards associated with this product. |
|------------|---------------------------------------------------------------------|

#### 10.2. Chemical stability

|           |                                        |
|-----------|----------------------------------------|
| Stability | Stable at normal ambient temperatures. |
|-----------|----------------------------------------|

#### 10.3. Possibility of hazardous reactions

|                                    |                 |
|------------------------------------|-----------------|
| Possibility of hazardous reactions | Not applicable. |
|------------------------------------|-----------------|

#### 10.4. Conditions to avoid

|                     |                                                         |
|---------------------|---------------------------------------------------------|
| Conditions to avoid | Avoid exposure to high temperatures or direct sunlight. |
|---------------------|---------------------------------------------------------|

#### 10.5. Incompatible materials

|                    |                                                                                                                  |
|--------------------|------------------------------------------------------------------------------------------------------------------|
| Materials to avoid | No specific material or group of materials is likely to react with the product to produce a hazardous situation. |
|--------------------|------------------------------------------------------------------------------------------------------------------|

#### 10.6. Hazardous decomposition products

|                                  |                                            |
|----------------------------------|--------------------------------------------|
| Hazardous decomposition products | No known hazardous decomposition products. |
|----------------------------------|--------------------------------------------|

### SECTION 11: Toxicological Information

#### 11.1. Information on toxicological effects

|                       |                           |
|-----------------------|---------------------------|
| Toxicological effects | No information available. |
|-----------------------|---------------------------|

|                     |                                |
|---------------------|--------------------------------|
| General information | This product has low toxicity. |
|---------------------|--------------------------------|

## 5 L CLEANLINE CONCENTRATED ORIGINAL WASHING UP LIQUID

|              |                                                                                                                                                                                                                       |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Ingestion    | May cause irritation. Symptoms following overexposure may include the following: Stomach pain. Nausea, vomiting. Diarrhoea.                                                                                           |
| Skin contact | Skin irritation should not occur when used as recommended. Prolonged or repeated exposure may cause the following adverse effects: Irritation. Redness. Dryness and/or cracking. Mild dermatitis, allergic skin rash. |
| Eye contact  | Irritating to eyes. May cause serious eye damage. Severe irritation, burning, tearing and blurred vision. Corneal damage.                                                                                             |

### SECTION 12: Ecological information

|             |                                                                                                      |
|-------------|------------------------------------------------------------------------------------------------------|
| Ecotoxicity | There are no data on the ecotoxicity of this product. Not regarded as dangerous for the environment. |
|-------------|------------------------------------------------------------------------------------------------------|

#### 12.1. Toxicity

|          |                               |
|----------|-------------------------------|
| Toxicity | Not considered toxic to fish. |
|----------|-------------------------------|

#### 12.2. Persistence and degradability

|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Persistence and degradability | There are no data on the degradability of this product. The surfactant(s) contained in this product complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them at their direct request, or at the request of a detergent manufacturer. |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

#### 12.3. Bioaccumulative potential

|                           |                                       |
|---------------------------|---------------------------------------|
| Bioaccumulative potential | No data available on bioaccumulation. |
|---------------------------|---------------------------------------|

#### 12.4. Mobility in soil

|          |                                                               |
|----------|---------------------------------------------------------------|
| Mobility | The product is water-soluble and may spread in water systems. |
|----------|---------------------------------------------------------------|

#### 12.5. Results of PBT and vPvB assessment

|                                    |                                                                         |
|------------------------------------|-------------------------------------------------------------------------|
| Results of PBT and vPvB assessment | This product does not contain any substances classified as PBT or vPvB. |
|------------------------------------|-------------------------------------------------------------------------|

#### 12.6. Other adverse effects

|                       |             |
|-----------------------|-------------|
| Other adverse effects | None known. |
|-----------------------|-------------|

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

|                     |                                                                                                                                                                          |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| General information | Do not discharge into drains or watercourses or onto the ground.                                                                                                         |
| Disposal methods    | Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Reuse or recycle products wherever possible. |

### SECTION 14: Transport information

|         |                                                                                                                    |
|---------|--------------------------------------------------------------------------------------------------------------------|
| General | The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID). |
|---------|--------------------------------------------------------------------------------------------------------------------|

#### 14.1. UN number

Not applicable.

#### 14.2. UN proper shipping name

Not applicable.

#### 14.3. Transport hazard class(es)

## 5 L CLEANLINE CONCENTRATED ORIGINAL WASHING UP LIQUID

No transport warning sign required.

### 14.4. Packing group

Not applicable.

### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

### 14.6. Special precautions for user

Not applicable.

### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Not applicable.

Annex II of MARPOL 73/78  
and the IBC Code

## SECTION 15: Regulatory Information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

|                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>National regulations</b> | The Control of Substances Hazardous to Health Regulations 2002 (SI 2002 No. 2677) (as amended).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>EU legislation</b>       | <p>Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).</p> <p>Commission Regulation (EU) No 453/2010 of 20 May 2010.</p> <p>Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).</p> <p>Commission Directive 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work (as amended).</p> <p>Commission Decision 2000/532/EC as amended by Decision 2001/118/EC establishing a list of wastes and hazardous waste pursuant to Council Directive 75/442/EEC on waste and Directive 91/689/EEC on hazardous waste with amendments.</p> <p>Commission Regulation (EU) No 2015/830 of 28 May 2015.</p> |
| <b>Guidance</b>             | <p>Workplace Exposure Limits EH40.</p> <p>ECHA Guidance on the Application of the CLP Criteria.</p> <p>ECHA Guidance on the compilation of safety data sheets.</p> <p>COSHH Essentials.</p> <p>Technical Guidance WM2: Hazardous Waste.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

### 15.2. Chemical safety assessment

No information available.

## SECTION 16: Other information

|                                                                 |                                                                                                                                                                                                                                                                                        |
|-----------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Abbreviations and acronyms used in the safety data sheet</b> | <p>DNEL: Derived No Effect Level.</p> <p>PBT: Persistent, Bioaccumulative and Toxic substance.</p> <p>PNEC: Predicted No Effect Concentration.</p> <p>MARPOL 73/78: International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978.</p> |
|-----------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## 5 L CLEANLINE CONCENTRATED ORIGINAL WASHING UP LIQUID

|                                  |                                                                                                                                                                                                                                                                                                                                                                              |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Revision comments</b>         | New revision number applied to comply with Commission Regulation (EU) No 2015/830 Of 28 May 2015' NOTE: Lines within the margin indicate significant changes from the previous revision.                                                                                                                                                                                     |
| <b>Revision date</b>             | 02/11/2018                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Revision</b>                  | 6                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Supersedes date</b>           | 17/09/2018                                                                                                                                                                                                                                                                                                                                                                   |
| <b>SDS number</b>                | 20502                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Risk phrases in full</b>      | R21/22 Harmful in contact with skin and if swallowed.<br>R22 Harmful if swallowed.<br>R37/38 Irritating to respiratory system and skin.<br>R38 Irritating to skin.<br>R41 Risk of serious damage to eyes.<br>R50 Very toxic to aquatic organisms.                                                                                                                            |
| <b>Hazard statements in full</b> | H302 Harmful if swallowed.<br>H312 Harmful in contact with skin.<br>H315 Causes skin irritation.<br>H318 Causes serious eye damage.<br>H319 Causes serious eye irritation.<br>H335 May cause respiratory irritation.<br>H400 Very toxic to aquatic life.<br>H411 Toxic to aquatic life with long lasting effects.<br>H412 Harmful to aquatic life with long lasting effects. |

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.



**SAFETY DATA SHEET**  
**750ML CLEANLINE OVEN & GRILL CLEANER**  
Commission Regulation (EU) No 2015/830 of 28 May 2015.

**SECTION 1: Identification of the substance/mixture and of the company/undertaking**

**1.1. Product identifier**

Product name 750ML CLEANLINE OVEN & GRILL CLEANER  
Product number 800-277-0210  
Container size 750mL

**1.2. Relevant identified uses of the substance or mixture and uses advised against**

Identified uses Detergent, Caustic oven cleaner.  
Uses advised against Use only for intended applications.

**1.3. Details of the supplier of the safety data sheet**

Supplier PRIME SOURCE  
P O BOX 15247  
BIRMINGHAM  
B22 3HN  
tel: 08085 749312  
info@prime-source.co.uk

Contact person For content of safety data sheet:, info@prime-source.co.uk or TEL: – 08085 749312

**1.4. Emergency telephone number**

Emergency telephone Prime Source: 01865 407333 - FOR MEDICAL EMERGENCY USE ONLY  
National emergency telephone number In case of a medical emergency following exposure to a chemical call NHS Direct in England or Wales 0845 46 47 or NHS 24 in Scotland 08454 24 24 24

**SECTION 2: Hazards identification**

**2.1. Classification of the substance or mixture**

**Classification (EC 1272/2008)**

Physical hazards Not Classified  
Health hazards Skin Corr. 1B - H314 Eye Dam. 1 - H318  
Environmental hazards Not Classified

**2.2. Label elements**

**Pictogram**



Signal word Danger  
Hazard statements H314 Causes severe skin burns and eye damage.

## 750ML CLEANLINE OVEN & GRILL CLEANER

|                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Precautionary statements</b>               | <p>P264 Wash contaminated skin thoroughly after handling.</p> <p>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</p> <p>P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.</p> <p>P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.</p> <p>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P310 Immediately call a POISON CENTER/ doctor.</p> <p>P501 Dispose of contents/ container in accordance with local regulations.</p> |
| <b>Contains</b>                               | SODIUM HYDROXIDE, D-GLUCOPYRANOSE, OLIGOMERIC, C8-10 GLYCOSIDES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Detergent labelling</b>                    | < 5% non-ionic surfactants                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Supplementary precautionary statements</b> | <p>P260 Do not breathe vapour/ spray.</p> <p>P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.</p> <p>P321 Specific treatment (see medical advice on this label).</p> <p>P363 Wash contaminated clothing before reuse.</p> <p>P405 Store locked up.</p>                                                                                                                                                                                                                                                                                                                                                                  |

### 2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

|                                                      |                      |                                                  |             |
|------------------------------------------------------|----------------------|--------------------------------------------------|-------------|
| <b>SODIUM HYDROXIDE</b>                              |                      |                                                  | <b>1-5%</b> |
| CAS number: 1310-73-2                                | EC number: 215-185-5 | REACH registration number: 01-2119457892-27-XXXX |             |
| <b>Classification</b>                                |                      | <b>Classification (67/548/EEC or 1999/45/EC)</b> |             |
| Met. Corr. 1 - H290                                  |                      | C;R35                                            |             |
| Skin Corr. 1A - H314                                 |                      |                                                  |             |
| Eye Dam. 1 - H318                                    |                      |                                                  |             |
| <b>D-GLUCOPYRANOSE, OLIGOMERIC, C8-10 GLYCOSIDES</b> |                      |                                                  | <b>1-5%</b> |
| CAS number: 68515-73-1                               | EC number: 500-220-1 | REACH registration number: 01-2119488530-36-XXXX |             |
| <b>Classification</b>                                |                      |                                                  |             |
| Eye Dam. 1 - H318                                    |                      |                                                  |             |
| <b>2-(2-BUTOXYETHOXY)ETHANOL</b>                     |                      |                                                  | <b>1-5%</b> |
| CAS number: 112-34-5                                 | EC number: 203-961-6 | REACH registration number: 01-2119475104-44-xxxx |             |
| <b>Classification</b>                                |                      |                                                  |             |
| Eye Irrit. 2 - H319                                  |                      |                                                  |             |

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

## 750ML CLEANLINE OVEN & GRILL CLEANER

|                                   |                                                                                                                                                                                                                                           |
|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>General information</b>        | Get medical attention immediately. Provide eyewash station and safety shower.                                                                                                                                                             |
| <b>Inhalation</b>                 | Remove affected person from source of contamination. Keep affected person warm and at rest. Get medical attention immediately. For breathing difficulties, oxygen may be necessary.                                                       |
| <b>Ingestion</b>                  | Never give anything by mouth to an unconscious person. Rinse mouth thoroughly with water. Give plenty of water to drink. Do not induce vomiting. Get medical attention immediately. Show this Safety Data Sheet to the medical personnel. |
| <b>Skin contact</b>               | Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention promptly if symptoms occur after washing.                                              |
| <b>Eye contact</b>                | Remove affected person from source of contamination. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention immediately. Continue to rinse.                              |
| <b>Protection of first aiders</b> | First aid personnel should wear appropriate protective equipment during any rescue.                                                                                                                                                       |

### 4.2. Most important symptoms and effects, both acute and delayed

|                            |                                                                                                                                                                                                                       |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>General information</b> | The severity of the symptoms described will vary dependent on the concentration and the length of exposure. Chemical burns must be treated by a physician. Get medical attention immediately.                         |
| <b>Inhalation</b>          | Severe irritation of nose and throat. May cause an asthma-like shortness of breath.                                                                                                                                   |
| <b>Ingestion</b>           | This product is corrosive. Small amounts may cause serious damage. May cause chemical burns in mouth, oesophagus and stomach.                                                                                         |
| <b>Skin contact</b>        | May cause serious chemical burns to the skin.                                                                                                                                                                         |
| <b>Eye contact</b>         | This product is corrosive. A single exposure may cause the following adverse effects: Severe irritation, burning, tearing and blurred vision. Prolonged contact causes serious eye and tissue damage. Corneal damage. |

### 4.3. Indication of any immediate medical attention and special treatment needed

|                             |                                                                                                    |
|-----------------------------|----------------------------------------------------------------------------------------------------|
| <b>Notes for the doctor</b> | Treat symptomatically. Remove contaminated clothing immediately and wash skin with soap and water. |
|-----------------------------|----------------------------------------------------------------------------------------------------|

## **SECTION 5: Firefighting measures**

### 5.1. Extinguishing media

|                                     |                                                                                                                                   |
|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| <b>Suitable extinguishing media</b> | The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire. Foam, carbon dioxide or dry powder. |
|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|

### 5.2. Special hazards arising from the substance or mixture

|                         |                                                                                                                                                                                                              |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Specific hazards</b> | In contact with some metals can generate hydrogen gas, which can form explosive mixtures with air. Avoid contact with the following materials: Aluminium. Zinc. Avoid contact with water. May generate heat. |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### 5.3. Advice for firefighters

|                                                      |                                                                                                       |
|------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| <b>Protective actions during firefighting</b>        | Control run-off water by containing and keeping it out of sewers and watercourses.                    |
| <b>Special protective equipment for firefighters</b> | Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. |

## **SECTION 6: Accidental release measures**

### 6.1. Personal precautions, protective equipment and emergency procedures

## 750ML CLEANLINE OVEN & GRILL CLEANER

### Personal precautions

Wear protective clothing as described in Section 8 of this safety data sheet.

### 6.2. Environmental precautions

#### Environmental precautions

Avoid or minimise the creation of any environmental contamination. Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.

### 6.3. Methods and material for containment and cleaning up

#### Methods for cleaning up

Do not touch or walk into spilled material. Stop leak if safe to do so. Small Spillages: Flush away spillage with plenty of water. Large Spillages: Absorb in vermiculite, dry sand or earth and place into containers. Flush contaminated area with plenty of water. Collect and place in suitable waste disposal containers and seal securely.

### 6.4. Reference to other sections

#### Reference to other sections

For waste disposal, see Section 13. See Section 11 for additional information on health hazards. See Section 1 for emergency contact information.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### Usage precautions

Avoid spilling. Avoid contact with skin and eyes. Avoid the formation of mists. Provide adequate ventilation. Read and follow manufacturer's recommendations. Wear protective clothing as described in Section 8 of this safety data sheet. Never add water directly to this product as it may cause a vigorous reaction or boiling. Always dilute by carefully pouring the product into water.

#### Advice on general occupational hygiene

Good personal hygiene procedures should be implemented. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Eye wash facilities and emergency shower must be available when handling this product. Wash promptly with soap and water if skin becomes contaminated. Take off immediately all contaminated clothing and wash it before reuse.

### 7.2. Conditions for safe storage, including any incompatibilities

#### Storage precautions

Store in tightly-closed, original container in a well-ventilated place. Store away from the following materials: Acids. Oxidising materials.

#### Storage class

Corrosive storage.

### 7.3. Specific end use(s)

#### Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

## SECTION 8: Exposure controls/Personal protection

### 8.1. Control parameters

#### Occupational exposure limits

#### SODIUM HYDROXIDE

Short-term exposure limit (15-minute): WEL 2 mg/m<sup>3</sup>

#### 2-(2-BUTOXYETHOXY)ETHANOL

Long-term exposure limit (8-hour TWA): WEL 10 ppm 67.5 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 15 ppm 101.2 mg/m<sup>3</sup>

WEL = Workplace Exposure Limit

#### SODIUM HYDROXIDE (CAS: 1310-73-2)

## 750ML CLEANLINE OVEN & GRILL CLEANER

### DNEL

Industry - Inhalation; Long term local effects: 1.0 mg/m<sup>3</sup>  
Consumer - Inhalation; Long term local effects: 1.0 mg/m<sup>3</sup>

### D-GLUCOPYRANOSE, OLIGOMERIC, C8-10 GLYCOSIDES (CAS: 68515-73-1)

### DNEL

Workers - Inhalation; Long term systemic effects: 420 mg/m<sup>3</sup>  
Workers - Dermal; Long term systemic effects: 595000 mg/kg/day  
General population - Inhalation; Long term systemic effects: 124 mg/m<sup>3</sup>  
General population - Dermal; Long term systemic effects: 357000 mg/kg  
General population - Oral; Long term systemic effects: 35.7 mg/kg

### PNEC

- Fresh water; 0.176 mg/l  
- marine water; 0.0176 mg/l  
- Intermittent release; 0.27 mg/l  
- STP; 560 mg/l  
- Sediment (Freshwater); 1.516 mg/l  
- Sediment (Marinewater); 0.152 mg/l

### 2-(2-BUTOXYETHOXY)ETHANOL (CAS: 112-34-5)

### DNEL

Workers - Inhalation; Long term systemic effects: 67.5 mg/m<sup>3</sup>  
Workers - Inhalation; Long term local effects: 67.5 mg/m<sup>3</sup>  
Workers - Dermal; Long term systemic effects: 20 mg/kg/day  
General population - Inhalation; Long term systemic effects: 34 mg/m<sup>3</sup>  
General population - Inhalation; Long term local effects: 34 mg/m<sup>3</sup>  
General population - Inhalation; Short term local effects: 34 mg/m<sup>3</sup>  
General population - Inhalation; Short term local effects: 50.6 mg/m<sup>3</sup>  
General population - Dermal; Long term systemic effects: 10 mg/kg/day  
General population - Oral; Long term systemic effects: 1.25 mg/kg/day

### PNEC

- Fresh water; 1 mg/l  
- marine water; 0.1 mg/l  
- Intermittent release; 3.9 mg/l  
- STP; 200 mg/l  
- Sediment (Freshwater); 4 mg/kg  
- Sediment (Marinewater); 0.4 mg/kg  
- Soil; 0.4 mg/kg

## 8.2. Exposure controls

### Protective equipment



### Appropriate engineering controls

Provide adequate ventilation. Avoid inhalation of vapours. Observe any occupational exposure limits for the product or ingredients.

### Eye/face protection

Wear tight-fitting, chemical splash goggles or face shield.

### Hand protection

Wear protective gloves. Neoprene. Nitrile rubber. Polyethylene. Polyvinyl chloride (PVC).

### Other skin and body protection

Wear appropriate clothing to prevent any possibility of skin contact.

### Hygiene measures

Provide eyewash station and safety shower. Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated.

## 750ML CLEANLINE OVEN & GRILL CLEANER

|                                        |                                                                                                                                                                                                                                                  |
|----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Respiratory protection</b>          | No specific recommendations. Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit. Particulate filter, type P2. Particulate filters should comply with European Standard EN143. |
| <b>Environmental exposure controls</b> | Avoid releasing into the environment. Residues and empty containers should be taken care of as hazardous waste according to local and national provisions.                                                                                       |

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

|                                                 |                                                                                                                                 |
|-------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| <b>Appearance</b>                               | Liquid.                                                                                                                         |
| <b>Colour</b>                                   | Colourless.                                                                                                                     |
| <b>Odour</b>                                    | Unperfumed.                                                                                                                     |
| <b>pH</b>                                       | pH (concentrated solution): >11.5                                                                                               |
| <b>Relative density</b>                         | 1.060-1.080 @ 20°C                                                                                                              |
| <b>Solubility(ies)</b>                          | Soluble in water.                                                                                                               |
| <b>Explosive properties</b>                     | There are no chemical groups present in the product that are associated with explosive properties.                              |
| <b>Explosive under the influence of a flame</b> | Not considered to be explosive.                                                                                                 |
| <b>Oxidising properties</b>                     | The mixture itself has not been tested but none of the ingredient substances meet the criteria for classification as oxidising. |
| <b>Comments</b>                                 | Information given is applicable to the product as supplied.                                                                     |

#### 9.2. Other information

|                          |               |
|--------------------------|---------------|
| <b>Other information</b> | Not relevant. |
|--------------------------|---------------|

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

|                   |                                                                                                                                                                                                                                                     |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Reactivity</b> | Reactions with the following materials may generate heat: Water. Strong acids. In contact with some metals can generate hydrogen gas, which can form explosive mixtures with air. Avoid contact with the following materials: Aluminium. Zinc. Tin. |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

#### 10.2. Chemical stability

|                  |                                        |
|------------------|----------------------------------------|
| <b>Stability</b> | Stable at normal ambient temperatures. |
|------------------|----------------------------------------|

#### 10.3. Possibility of hazardous reactions

|                                           |                                                                                                                                                           |
|-------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Possibility of hazardous reactions</b> | The following materials may react violently with the product: Chlorohydrocarbons. Acids. Reactions with the following materials may generate heat: Water. |
|-------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|

#### 10.4. Conditions to avoid

|                            |                                                     |
|----------------------------|-----------------------------------------------------|
| <b>Conditions to avoid</b> | Avoid excessive heat for prolonged periods of time. |
|----------------------------|-----------------------------------------------------|

#### 10.5. Incompatible materials

|                           |                                                                 |
|---------------------------|-----------------------------------------------------------------|
| <b>Materials to avoid</b> | Acids. Ammonia. Chlorinated hydrocarbons. Aluminium. Tin. Zinc. |
|---------------------------|-----------------------------------------------------------------|

#### 10.6. Hazardous decomposition products

|                                         |           |
|-----------------------------------------|-----------|
| <b>Hazardous decomposition products</b> | Hydrogen. |
|-----------------------------------------|-----------|

## 750ML CLEANLINE OVEN & GRILL CLEANER

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

|                                                                  |                                                                                                                                                                                                                                     |
|------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Toxicological effects</b>                                     | Information given is based on data of the components and of similar products.                                                                                                                                                       |
| <b>Other health effects</b>                                      | There is no evidence that the product can cause cancer.                                                                                                                                                                             |
| <b><u>Acute toxicity - oral</u></b>                              |                                                                                                                                                                                                                                     |
| <b>Notes (oral LD<sub>50</sub>)</b>                              | Based on available data the classification criteria are not met.                                                                                                                                                                    |
| <b><u>Acute toxicity - dermal</u></b>                            |                                                                                                                                                                                                                                     |
| <b>Notes (dermal LD<sub>50</sub>)</b>                            | Based on available data the classification criteria are not met.                                                                                                                                                                    |
| <b><u>Acute toxicity - inhalation</u></b>                        |                                                                                                                                                                                                                                     |
| <b>Notes (inhalation LC<sub>50</sub>)</b>                        | Based on available data the classification criteria are not met.                                                                                                                                                                    |
| <b><u>Skin corrosion/irritation</u></b>                          |                                                                                                                                                                                                                                     |
| <b>Skin corrosion/irritation</b>                                 | Corrosive to skin and eyes. Calculation method.                                                                                                                                                                                     |
| <b>Extreme pH</b>                                                | ≥ 11.5 Corrosive to skin.                                                                                                                                                                                                           |
| <b><u>Serious eye damage/irritation</u></b>                      |                                                                                                                                                                                                                                     |
| <b>Serious eye damage/irritation</b>                             | Corrosivity to eyes is assumed.                                                                                                                                                                                                     |
| <b><u>Respiratory sensitisation</u></b>                          |                                                                                                                                                                                                                                     |
| <b>Respiratory sensitisation</b>                                 | Based on available data the classification criteria are not met.                                                                                                                                                                    |
| <b><u>Skin sensitisation</u></b>                                 |                                                                                                                                                                                                                                     |
| <b>Skin sensitisation</b>                                        | Based on available data the classification criteria are not met.                                                                                                                                                                    |
| <b><u>Germ cell mutagenicity</u></b>                             |                                                                                                                                                                                                                                     |
| <b>Genotoxicity - in vitro</b>                                   | Does not contain any substances known to be mutagenic.                                                                                                                                                                              |
| <b><u>Carcinogenicity</u></b>                                    |                                                                                                                                                                                                                                     |
| <b>Carcinogenicity</b>                                           | Does not contain any substances known to be carcinogenic.                                                                                                                                                                           |
| <b><u>Reproductive toxicity</u></b>                              |                                                                                                                                                                                                                                     |
| <b>Reproductive toxicity - fertility</b>                         | Does not contain any substances known to be toxic to reproduction.                                                                                                                                                                  |
| <b><u>Specific target organ toxicity - single exposure</u></b>   |                                                                                                                                                                                                                                     |
| <b>STOT - single exposure</b>                                    | Not classified as a specific target organ toxicant after a single exposure.                                                                                                                                                         |
| <b><u>Specific target organ toxicity - repeated exposure</u></b> |                                                                                                                                                                                                                                     |
| <b>STOT - repeated exposure</b>                                  | Not classified as a specific target organ toxicant after repeated exposure.                                                                                                                                                         |
| <b><u>General information</u></b>                                |                                                                                                                                                                                                                                     |
| <b>General information</b>                                       | Corrosive to skin and eyes.                                                                                                                                                                                                         |
| <b>Inhalation</b>                                                | Spray/mists may cause respiratory tract irritation. A single exposure may cause the following adverse effects: Coughing. Difficulty in breathing. May cause damage to mucous membranes in nose, throat, lungs and bronchial system. |
| <b>Ingestion</b>                                                 | May cause burns in mucous membranes, throat, oesophagus and stomach.                                                                                                                                                                |
| <b>Skin contact</b>                                              | May cause serious chemical burns to the skin. Repeated exposure may cause skin dryness or cracking.                                                                                                                                 |
| <b>Eye contact</b>                                               | Causes burns. A single exposure may cause the following adverse effects: Corneal damage. Contact with concentrated chemical may very rapidly cause severe eye damage, possibly loss of sight.                                       |

## 750ML CLEANLINE OVEN & GRILL CLEANER

### Toxicological information on ingredients.

#### SODIUM HYDROXIDE

##### Acute toxicity - oral

Acute toxicity oral (LD<sub>50</sub> 2,000.0  
mg/kg)

Species Rat

##### Acute toxicity - dermal

Acute toxicity dermal (LD<sub>50</sub> 2,000.1  
mg/kg)

Species Rabbit

##### Skin corrosion/irritation

Skin corrosion/irritation Burning pain and severe corrosive skin damage.

##### Serious eye damage/irritation

Serious eye damage/irritation Causes serious eye damage.

##### Skin sensitisation

Skin sensitisation Not sensitising.

### **SECTION 12: Ecological information**

Ecotoxicity There are no data on the ecotoxicity of this product.

### Ecological information on ingredients.

#### SODIUM HYDROXIDE

Ecotoxicity The product components are not classified as environmentally hazardous.  
However, large or frequent spills may have hazardous effects on the environment.

#### 12.1. Toxicity

Toxicity The product may affect the acidity (pH) of water which may have hazardous effects on aquatic organisms.

##### Acute aquatic toxicity

Acute toxicity - aquatic plants May cause long lasting harmful effects to aquatic life.

Acute toxicity - terrestrial Can cause damage to vegetation.

### Ecological information on ingredients.

#### SODIUM HYDROXIDE

##### Acute aquatic toxicity

Acute toxicity - fish REACH dossier information.  
LC<sub>50</sub>, 96 hours: < 180 mg/l, Freshwater fish

Acute toxicity - aquatic invertebrates EC<sub>50</sub>, 48 hours: 40.4 mg/l, Freshwater invertebrates

##### Chronic aquatic toxicity

## 750ML CLEANLINE OVEN & GRILL CLEANER

Chronic toxicity - fish early life stage Not available.

Chronic toxicity - aquatic invertebrates Not available.

### 12.2. Persistence and degradability

Persistence and degradability Degrades very slowly in nature.

### Ecological information on ingredients.

#### SODIUM HYDROXIDE

Persistence and degradability The product contains inorganic substances which are not biodegradable.

### 12.3. Bioaccumulative potential

Bioaccumulative potential The product is not bioaccumulating.

### Ecological information on ingredients.

#### SODIUM HYDROXIDE

Bioaccumulative potential No data available on bioaccumulation.

### 12.4. Mobility in soil

Mobility The product is water-soluble and may spread in water systems.

### Ecological information on ingredients.

#### SODIUM HYDROXIDE

Mobility The product is soluble in water.

### 12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

### Ecological information on ingredients.

#### SODIUM HYDROXIDE

Results of PBT and vPvB assessment This substance is not classified as PBT or vPvB according to current EU criteria.

### 12.6. Other adverse effects

### Ecological information on ingredients.

#### SODIUM HYDROXIDE

Other adverse effects Not determined.

## **SECTION 13: Disposal considerations**

### 13.1. Waste treatment methods

General information Waste is classified as hazardous waste. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. When handling waste, the safety precautions applying to handling of the product should be considered.

## 750ML CLEANLINE OVEN & GRILL CLEANER

### Disposal methods

The packaging must be empty (drop-free when inverted). Wash with plenty of water. Dispose of waste via a licensed waste disposal contractor. Reuse or recycle products wherever possible.

### SECTION 14: Transport information

#### 14.1. UN number

|                  |      |
|------------------|------|
| UN No. (ADR/RID) | 1824 |
| UN No. (IMDG)    | 1824 |
| UN No. (ICAO)    | 1824 |
| UN No. (ADN)     | 1824 |

#### 14.2. UN proper shipping name

Proper shipping name (ADR/RID) SODIUM HYDROXIDE SOLUTION

Proper shipping name (IMDG) SODIUM HYDROXIDE SOLUTION

Proper shipping name (ICAO) SODIUM HYDROXIDE SOLUTION

Proper shipping name (ADN) SODIUM HYDROXIDE SOLUTION

#### 14.3. Transport hazard class(es)

|                             |    |
|-----------------------------|----|
| ADR/RID class               | 8  |
| ADR/RID classification code | C5 |
| ADR/RID label               | 8  |
| IMDG class                  | 8  |
| ICAO class/division         | 8  |
| ADN class                   | 8  |

#### Transport labels



#### 14.4. Packing group

|                       |    |
|-----------------------|----|
| ADR/RID packing group | II |
| IMDG packing group    | II |
| ICAO packing group    | II |
| ADN packing group     | II |

#### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant  
No.

#### 14.6. Special precautions for user

|                             |              |
|-----------------------------|--------------|
| IMDG Code segregation group | 18. Alkalies |
| EmS                         | F-A, S-B     |

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|                                        |     |
|----------------------------------------|-----|
| ADR transport category                 | 2   |
| Emergency Action Code                  | 2R  |
| Hazard Identification Number (ADR/RID) | 80  |
| Tunnel restriction code                | (E) |

### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

|                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| National regulations | <p>The Control of Substances Hazardous to Health Regulations 2002 (SI 2002 No. 2677) (as amended).</p> <p>Control of Pollution (Special Waste) Regulations 1980 (as amended).</p> <p>The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 (SI 2009 No. 1348) (as amended) ["CDG 2009"].</p> <p>EH40/2005 Workplace exposure limits.</p> <p>The Hazardous Waste Regulations 2005.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| EU legislation       | <p>Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).</p> <p>Commission Directive 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work (as amended).</p> <p>Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).</p> <p>Commission Regulation (EU) No 453/2010 of 20 May 2010.</p> <p>Commission Decision 2000/532/EC as amended by Decision 2001/118/EC establishing a list of wastes and hazardous waste pursuant to Council Directive 75/442/EEC on waste and Directive 91/689/EEC on hazardous waste with amendments.</p> <p>Commission Regulation (EU) No 2015/830 of 28 May 2015.</p> |
| Guidance             | <p>COSHH Essentials.</p> <p>Technical Guidance WM2: Hazardous Waste.</p> <p>ECHA Guidance on the Application of the CLP Criteria.</p> <p>ECHA Guidance on the compilation of safety data sheets.</p> <p>Workplace Exposure Limits EH40.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

### 15.2. Chemical safety assessment

No information available.

## SECTION 16: Other Information

|                                                          |                                                                                                                                                                                                                                                                                                                 |
|----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Abbreviations and acronyms used in the safety data sheet | <p>EWC European Waste Catalogue</p> <p>STOT RE = Specific target organ toxicity-repeated exposure</p> <p>PBT: Persistent, Bioaccumulative and Toxic substance.</p> <p>vPvB: Very Persistent and Very Bioaccumulative.</p> <p>PNEC: Predicted No Effect Concentration.</p> <p>DNEL: Derived No Effect Level.</p> |
|----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

**750ML CLEANLINE OVEN & GRILL CLEANER****General information**

Only trained personnel should use this material.

**Revision comments**

New revision number applied to comply with Commission Regulation (EU) No 2015/830 Of 28 May 2015' NOTE: Lines within the margin indicate significant changes from the previous revision.

**Revision date**

02/11/2018

**Revision**

2

**Supersedes date**

17/09/2018

**Hazard statements in full**

H290 May be corrosive to metals.  
H314 Causes severe skin burns and eye damage.  
H318 Causes serious eye damage.  
H319 Causes serious eye irritation.

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### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifier

|              |                                     |
|--------------|-------------------------------------|
| Trade name   | : PRISTINE® Antibacterial Foam Soap |
| Product code | : N06175                            |

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

|                                   |                      |
|-----------------------------------|----------------------|
| Use of the Sub-<br>stance/Mixture | : Antibacterial Soap |
|-----------------------------------|----------------------|

#### 1.3 Details of the supplier of the safety data sheet

|           |                                                                     |
|-----------|---------------------------------------------------------------------|
| Company   | : BUNZL UK LTD<br>Epsom Chase, 1 Hook Road<br>KT19 8TY Epsom Surrey |
| Telephone | : +44(0) 1908 370 757                                               |

#### 1.4 Emergency telephone number

+1 703-527-3887

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### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

##### Classification (REGULATION (EC) No 1272/2008)

|                                      |                                                             |
|--------------------------------------|-------------------------------------------------------------|
| Flammable liquids, Category 3        | H226: Flammable liquid and vapour.                          |
| Serious eye damage, Category 1       | H318: Causes serious eye damage.                            |
| Acute aquatic toxicity, Category 1   | H400: Very toxic to aquatic life.                           |
| Chronic aquatic toxicity, Category 1 | H410: Very toxic to aquatic life with long lasting effects. |

##### Classification (67/548/EEC, 1999/45/EC)

|                               |                                                                                                          |
|-------------------------------|----------------------------------------------------------------------------------------------------------|
| Irritant                      | R41: Risk of serious damage to eyes.                                                                     |
| Dangerous for the environment | R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. |

#### 2.2 Label elements

##### Labelling (REGULATION (EC) No 1272/2008)

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Hazard pictograms



Signal word

Danger

Hazard statements

H226 Flammable liquid and vapour.  
H318 Causes serious eye damage.  
H410 Very toxic to aquatic life with long lasting effects.

Precautionary statements

**Prevention:**

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P233 Keep container tightly closed.  
P273 Avoid release to the environment.  
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

**Response:**

P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/ physician.  
P391 Collect spillage.

Hazardous components which must be listed on the label:

Dodecanoic acid

### 2.3 Other hazards

Vapours may form explosive mixture with air.

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

#### Hazardous components

| Chemical Name   | CAS-No.<br>EC-No.<br>Registration<br>number | Classification<br>(67/548/EEC) | Classification<br>(REGULATION<br>(EC) No<br>1272/2008) | Concentration<br>(%) |
|-----------------|---------------------------------------------|--------------------------------|--------------------------------------------------------|----------------------|
| Ethanol         | 64-17-5<br>200-578-6                        | F; R11<br>Xi; R36              | Flam. Liq. 2; H225<br>Eye Irrit. 2; H319               | >= 3 - < 10          |
| Dodecanoic acid | 143-07-7<br>205-582-1                       | N; R51/53<br>Xi; R41           | Eye Dam. 1; H318<br>Aquatic Chronic 3;<br>H412         | >= 5 - < 10          |
| Ethanolamine    | 141-43-5<br>205-483-3                       | C; R34<br>Xn; R20/21/22        | Acute Tox. 4; H302<br>Acute Tox. 4; H332               | >= 2.5 - < 5         |

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|                                                                                                                           |                         |                         |                                                                                                     |                   |
|---------------------------------------------------------------------------------------------------------------------------|-------------------------|-------------------------|-----------------------------------------------------------------------------------------------------|-------------------|
|                                                                                                                           |                         |                         | Acute Tox. 4; H312<br>Skin Corr. 1B;<br>H314<br>STOT SE 3; H335<br>Aquatic Chronic 3;<br>H412       |                   |
| Imidazolium compounds, 1-[2-(carboxymethoxy)ethyl]-1-(carboxymethyl)-4,5-dihydro-2-norcoo alkyl, hydroxides, sodium salts | 68650-39-5<br>272-043-5 | Xi; R41                 | Eye Dam. 1; H318                                                                                    | $\geq 1 - < 3$    |
| L-(+)-Lactic acid                                                                                                         | 79-33-4<br>201-196-2    | Xi; R41-R37/38          | Skin Irrit. 2; H315<br>Eye Dam. 1; H318<br>STOT SE 3; H335                                          | $\geq 1 - < 3$    |
| Triclosan                                                                                                                 | 3380-34-5<br>222-182-2  | Xi; R36/38<br>N; R50/53 | Skin Irrit. 2; H315<br>Eye Irrit. 2; H319<br>Aquatic Acute 1;<br>H400<br>Aquatic Chronic 1;<br>H410 | $\geq 0.25 - < 1$ |

For explanation of abbreviations see section 16.

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

- General advice : In the case of accident or if you feel unwell, seek medical advice immediately.  
When symptoms persist or in all cases of doubt seek medical advice.
- Protection of first-aiders : First Aid responders should pay attention to self-protection, and use the recommended personal protective equipment when the potential for exposure exists.
- If inhaled : If inhaled, remove to fresh air.  
Get medical attention if symptoms occur.
- In case of skin contact : Wash with water and soap as a precaution.  
Get medical attention if symptoms occur.
- In case of eye contact : In case of contact, immediately flush eyes with plenty of water for at least 15 minutes.  
If easy to do, remove contact lens, if worn.  
Get medical attention immediately.
- If swallowed : If swallowed, DO NOT induce vomiting.  
Get medical attention if symptoms occur.  
Rinse mouth thoroughly with water.

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### 4.2 Most important symptoms and effects, both acute and delayed

Risks : Causes serious eye damage.

### 4.3 Indication of any immediate medical attention and special treatment needed

Treatment : Treat symptomatically and supportively.

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## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

Suitable extinguishing media : Water spray  
Alcohol-resistant foam  
Carbon dioxide (CO<sub>2</sub>)  
Dry chemical

Unsuitable extinguishing media : High volume water jet

### 5.2 Special hazards arising from the substance or mixture

Specific hazards during fire-fighting : Do not use a solid water stream as it may scatter and spread fire.  
Flash back possible over considerable distance.  
Vapours may form explosive mixtures with air.  
Exposure to combustion products may be a hazard to health.

Hazardous combustion products : Carbon oxides  
Nitrogen oxides (NO<sub>x</sub>)  
Metal oxides

### 5.3 Advice for firefighters

Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.  
Use personal protective equipment.

Specific extinguishing methods : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.  
Use water spray to cool unopened containers.  
Remove undamaged containers from fire area if it is safe to do so.  
Evacuate area.

---

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Remove all sources of ignition.  
Use personal protective equipment.  
Follow safe handling advice and personal protective equipment recommendations.

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### 6.2 Environmental precautions

Environmental precautions : Discharge into the environment must be avoided.  
Prevent further leakage or spillage if safe to do so.  
Prevent spreading over a wide area (e.g. by containment or oil barriers).  
Retain and dispose of contaminated wash water.  
Local authorities should be advised if significant spillages cannot be contained.

### 6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Non-sparking tools should be used.  
Soak up with inert absorbent material.  
Suppress (knock down) gases/vapours/mists with a water spray jet.  
For large spills, provide dyking or other appropriate containment to keep material from spreading. If dyked material can be pumped, store recovered material in appropriate container.  
Clean up remaining materials from spill with suitable absorbent.  
Local or national regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which regulations are applicable.  
Sections 13 and 15 of this SDS provide information regarding certain local or national requirements.

### 6.4 Reference to other sections

See sections: 7, 8, 11, 12 and 13.

---

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Technical measures : See Engineering measures under EXPOSURE CONTROLS/PERSONAL PROTECTION section.

Local/Total ventilation : Use with local exhaust ventilation.  
Use only in an area equipped with explosion proof exhaust ventilation.

Advice on safe handling : Avoid inhalation of vapour or mist.  
Do not swallow.  
Do not get in eyes.  
Avoid prolonged or repeated contact with skin.  
Handle in accordance with good industrial hygiene and safety practice.  
Non-sparking tools should be used.  
Keep container tightly closed.  
Keep away from heat and sources of ignition.  
Take precautionary measures against static discharges.  
Take care to prevent spills, waste and minimize release to the environment.

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Hygiene measures : Ensure that eye flushing systems and safety showers are located close to the working place. When using do not eat, drink or smoke. Wash contaminated clothing before re-use.

**7.2 Conditions for safe storage, including any incompatibilities**

Requirements for storage areas and containers : Keep in properly labelled containers. Keep tightly closed. Keep in a cool, well-ventilated place. Store in accordance with the particular national regulations. Keep away from heat and sources of ignition.

Advice on common storage : Do not store with the following product types:  
Strong oxidizing agents  
Organic peroxides  
Flammable solids  
Pyrophoric liquids  
Pyrophoric solids  
Self-heating substances and mixtures  
Substances and mixtures, which in contact with water, emit flammable gases  
Explosives  
Gases

**7.3 Specific end use(s)**

Specific use(s) : No data available

**SECTION 8: Exposure controls/personal protection**

**8.1 Control parameters**

**Occupational Exposure Limits**

| Components          | CAS-No.                                                                                                           | Value type (Form of exposure)    | Control parameters       | Basis      |
|---------------------|-------------------------------------------------------------------------------------------------------------------|----------------------------------|--------------------------|------------|
| Propylene glycol    | 57-55-6                                                                                                           | TWA (particles)                  | 10 mg/m3                 | GB EH40    |
| Further information | Where no specific short-term exposure limit is listed, a figure three times the long-term exposure should be used |                                  |                          |            |
|                     |                                                                                                                   | TWA (Total vapour and particles) | 150 ppm<br>474 mg/m3     | GB EH40    |
| Further information | Where no specific short-term exposure limit is listed, a figure three times the long-term exposure should be used |                                  |                          |            |
| Ethanol             | 64-17-5                                                                                                           | TWA                              | 1,000 ppm<br>1,920 mg/m3 | GB EH40    |
| Further information | Where no specific short-term exposure limit is listed, a figure three times the long-term exposure should be used |                                  |                          |            |
| Ethanolamine        | 141-43-5                                                                                                          | TWA                              | 1 ppm<br>2.5 mg/m3       | 2006/15/EC |
| Further information | Identifies the possibility of significant uptake through the skin, Indicative                                     |                                  |                          |            |
|                     |                                                                                                                   | STEL                             | 3 ppm<br>7.6 mg/m3       | 2006/15/EC |

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|                     |                                                                                                                                                     |      |                    |         |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|------|--------------------|---------|
| Further information | Identifies the possibility of significant uptake through the skin, Indicative                                                                       |      |                    |         |
|                     |                                                                                                                                                     | TWA  | 1 ppm<br>2.5 mg/m3 | GB EH40 |
| Further information | Can be absorbed through skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity. |      |                    |         |
|                     |                                                                                                                                                     | STEL | 3 ppm<br>7.6 mg/m3 | GB EH40 |
| Further information | Can be absorbed through skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity. |      |                    |         |

### Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006:

Propylene glycol : End Use: Workers  
Exposure routes: Inhalation  
Potential health effects: Long-term local effects  
Value: 10 mg/m3  
End Use: Workers  
Exposure routes: Inhalation  
Potential health effects: Long-term systemic effects  
Value: 168 mg/m3  
End Use: Consumers  
Exposure routes: Inhalation  
Potential health effects: Long-term local effects  
Value: 10 mg/m3  
End Use: Consumers  
Exposure routes: Inhalation  
Potential health effects: Long-term systemic effects  
Value: 50 mg/m3  
Ethanol : End Use: Workers  
Exposure routes: Inhalation  
Potential health effects: Acute local effects  
Value: 1900 mg/m3  
End Use: Workers  
Exposure routes: Skin contact  
Potential health effects: Long-term systemic effects  
Value: 343 mg/kg bw/day  
End Use: Workers  
Exposure routes: Inhalation  
Potential health effects: Long-term systemic effects  
Value: 950 mg/m3  
End Use: Consumers  
Exposure routes: Inhalation  
Potential health effects: Acute local effects  
Value: 950 mg/m3  
End Use: Consumers  
Exposure routes: Skin contact  
Potential health effects: Long-term systemic effects  
Value: 206 mg/kg bw/day  
End Use: Consumers  
Exposure routes: Inhalation  
Potential health effects: Long-term systemic effects  
Value: 114 mg/m3  
End Use: Consumers  
Exposure routes: Ingestion  
Potential health effects: Long-term systemic effects

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|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Dodecanoic acid   | : Value: 87 mg/kg bw/day<br>End Use: Workers<br>Exposure routes: Inhalation<br>Potential health effects: Long-term systemic effects<br>Value: 17.632 mg/m3<br>End Use: Workers<br>Exposure routes: Skin contact<br>Potential health effects: Long-term systemic effects<br>Value: 10 mg/kg bw/day<br>End Use: Consumers<br>Exposure routes: Inhalation<br>Potential health effects: Long-term systemic effects<br>Value: 4.348 mg/m3<br>End Use: Consumers<br>Exposure routes: Skin contact<br>Potential health effects: Long-term systemic effects<br>Value: 5 mg/kg bw/day<br>End Use: Consumers<br>Value: 2.5 mg/kg bw/day                                                   |
| Ethanolamine      | : End Use: Workers<br>Exposure routes: Inhalation<br>Potential health effects: Long-term local effects<br>Value: 3.3 mg/m3<br>End Use: Workers<br>Exposure routes: Skin contact<br>Potential health effects: Long-term systemic effects<br>Value: 1 mg/kg bw/day<br>End Use: Consumers<br>Exposure routes: Inhalation<br>Potential health effects: Long-term local effects<br>Value: 2 mg/m3<br>End Use: Consumers<br>Exposure routes: Skin contact<br>Potential health effects: Long-term systemic effects<br>Value: 0.24 mg/kg bw/day<br>End Use: Consumers<br>Exposure routes: Ingestion<br>Potential health effects: Long-term systemic effects<br>Value: 3.75 mg/kg bw/day |
| L-(+)-Lactic acid | : End Use: Workers<br>Exposure routes: Inhalation<br>Potential health effects: Acute local effects<br>Value: 592 mg/m3<br>End Use: Consumers<br>Exposure routes: Inhalation<br>Potential health effects: Acute local effects<br>Value: 296 mg/m3<br>End Use: Consumers<br>Exposure routes: Ingestion<br>Potential health effects: Acute systemic effects<br>Value: 35.4 mg/kg bw/day                                                                                                                                                                                                                                                                                            |
| Triclosan         | : End Use: Workers<br>Exposure routes: Inhalation<br>Potential health effects: Long-term systemic effects                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

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Value: 3 mg/m<sup>3</sup>  
End Use: Workers  
Exposure routes: Skin contact  
Potential health effects: Long-term systemic effects  
Value: 2.8 mg/kg bw/day

### Predicted No Effect Concentration (PNEC) according to Regulation (EC) No. 1907/2006:

Propylene glycol : Fresh water  
Value: 260 mg/l  
Marine water  
Value: 26 mg/l  
Intermittent use/release  
Value: 183 mg/l  
Sewage treatment plant  
Value: 20000 mg/l  
Fresh water sediment  
Value: 572 mg/kg  
Marine sediment  
Value: 57.2 mg/kg  
Soil

Ethanol : Fresh water  
Value: 50 mg/kg  
Value: 0.96 mg/l  
Marine water  
Value: 0.79 mg/l  
Intermittent use/release  
Value: 2.75 mg/l  
Sewage treatment plant  
Value: 580 mg/l  
Fresh water sediment  
Value: 3.6 mg/kg  
Marine sediment  
Value: 2.9 mg/kg  
Soil  
Value: 0.63 mg/kg  
Oral

Dodecanoic acid : Value: 720 mg/kg  
Fresh water  
Value: 0.047 mg/l  
Marine water  
Value: 0.0047 mg/l  
Intermittent use/release  
Value: 0.036 mg/l  
Sewage treatment plant  
Value: 912 mg/l  
Fresh water sediment  
Value: 4.09 mg/kg  
Marine sediment  
Value: 0.409 mg/kg  
Soil  
Value: 0.7906 mg/kg

Ethanolamine : Fresh water  
Value: 0.085 mg/l  
Marine water

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|----------------|------------------------------|-----------------------------|-------------------------------------------------------------------|

|                   |                                                                                                                                                                                                                                                                                             |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                   | Value: 0.0085 mg/l<br>Intermittent use/release<br>Value: 0.028 mg/l<br>Sewage treatment plant<br>Value: 100 mg/l<br>Fresh water sediment<br>Value: 0.434 mg/kg<br>Marine sediment<br>Value: 0.0434 mg/kg<br>Soil<br>Value: 0.0367 mg/kg                                                     |
| I-(+)-Lactic acid | : Fresh water<br>Value: 1.3 mg/l<br>Sewage treatment plant<br>Value: 10 mg/l                                                                                                                                                                                                                |
| Triclosan         | : Fresh water<br>Value: 0.00007 mg/l<br>Marine water<br>Value: 0.0069 µg/l<br>Intermittent use/release<br>Value: 0.000016 mg/l<br>Sewage treatment plant<br>Value: 0.11 mg/l<br>Fresh water sediment<br>Value: 1 mg/kg<br>Marine sediment<br>Value: 0.1 mg/kg<br>Soil<br>Value: 0.196 mg/kg |

### 8.2 Exposure controls

#### Engineering measures

Minimize workplace exposure concentrations.

Use only in an area equipped with explosion proof exhaust ventilation.

Use with local exhaust ventilation.

#### Personal protective equipment

Eye protection : Wear the following personal protective equipment:  
Chemical resistant goggles must be worn.  
If splashes are likely to occur, wear:  
Face-shield

#### Hand protection

Material : Impervious gloves  
Flame retardant gloves

#### Remarks

: Choose gloves to protect hands against chemicals depending on the concentration and quantity of the hazardous substance and specific to place of work. Breakthrough time is not determined for the product. Change gloves often! For special applications, we recommend clarifying the resistance to chemicals of the aforementioned protective gloves with the glove manufacturer. Wash hands before breaks and at the end of workday.

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- |                          |                                                                                                                                                                                                                                                                                                                                             |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Skin and body protection | : Select appropriate protective clothing based on chemical resistance data and an assessment of the local exposure potential.<br>Wear the following personal protective equipment:<br>Flame retardant antistatic protective clothing.<br>Skin contact must be avoided by using impervious protective clothing (gloves, aprons, boots, etc). |
| Respiratory protection   | : Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines.                                                                                                                                                           |
| Filter type              | : Combined particulates and organic vapour type (A-P)                                                                                                                                                                                                                                                                                       |

**SECTION 9: Physical and chemical properties**

**9.1 Information on basic physical and chemical properties**

- |                                         |                                   |
|-----------------------------------------|-----------------------------------|
| Appearance                              | : liquid                          |
| Colour                                  | : clear, Colorless to pale yellow |
| Odour                                   | : slight alcoholic                |
| Odour Threshold                         | : No data available               |
| pH                                      | : 7.8 - 9.7                       |
| Melting point/freezing point            | : No data available               |
| Initial boiling point and boiling range | : No data available               |
| Flash point                             | : 56.00 °C                        |
| Evaporation rate                        | : No data available               |
| Flammability (solid, gas)               | : Not applicable                  |
| Upper explosion limit                   | : No data available               |
| Lower explosion limit                   | : No data available               |
| Vapour pressure                         | : No data available               |
| Relative vapour density                 | : No data available               |
| Density                                 | : 1.00 g/cm3                      |
| Solubility(ies)<br>Water solubility     | : soluble                         |

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|                                        |                                                             |
|----------------------------------------|-------------------------------------------------------------|
| Partition coefficient: n-octanol/water | : Not applicable                                            |
| Auto-ignition temperature              | : No data available                                         |
| Decomposition temperature              | : The substance or mixture is not classified self-reactive. |
| Viscosity                              |                                                             |
| Viscosity, kinematic                   | : 10 - 20 mm <sup>2</sup> /s (20.00 °C)                     |
| Explosive properties                   | : Not explosive                                             |
| Oxidizing properties                   | : The substance or mixture is not classified as oxidizing.  |

### 9.2 Other information

No data available

---

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

Not classified as a reactivity hazard.

### 10.2 Chemical stability

Stable under normal conditions.

### 10.3 Possibility of hazardous reactions

|                     |                                                                                                                           |
|---------------------|---------------------------------------------------------------------------------------------------------------------------|
| Hazardous reactions | : Flammable liquid and vapour.<br>Vapours may form explosive mixture with air.<br>Can react with strong oxidizing agents. |
|---------------------|---------------------------------------------------------------------------------------------------------------------------|

### 10.4 Conditions to avoid

|                     |                            |
|---------------------|----------------------------|
| Conditions to avoid | : Heat, flames and sparks. |
|---------------------|----------------------------|

### 10.5 Incompatible materials

|                    |                    |
|--------------------|--------------------|
| Materials to avoid | : Oxidizing agents |
|--------------------|--------------------|

### 10.6 Hazardous decomposition products

No hazardous decomposition products are known.

---

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

|                                          |                                                          |
|------------------------------------------|----------------------------------------------------------|
| Information on likely routes of exposure | : Inhalation<br>Skin contact<br>Ingestion<br>Eye contact |
|------------------------------------------|----------------------------------------------------------|

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### Acute toxicity

Not classified based on available information.

### Product:

- |                           |                                                                                                                     |
|---------------------------|---------------------------------------------------------------------------------------------------------------------|
| Acute oral toxicity       | : Acute toxicity estimate: > 2,000 mg/kg<br>Method: Calculation method                                              |
| Acute inhalation toxicity | : Acute toxicity estimate: > 20 mg/l<br>Exposure time: 4 h<br>Test atmosphere: vapour<br>Method: Calculation method |
| Acute dermal toxicity     | : Acute toxicity estimate: > 2,000 mg/kg<br>Method: Calculation method                                              |

### Components:

#### **Ethanol:**

- |                           |                                                                           |
|---------------------------|---------------------------------------------------------------------------|
| Acute oral toxicity       | : LD50 (Rat): > 5,000 mg/kg                                               |
| Acute inhalation toxicity | : LC50 (Rat): 124.7 mg/l<br>Exposure time: 4 h<br>Test atmosphere: vapour |

#### **Dodecanoic acid:**

- |                           |                                                                                                                                                      |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| Acute oral toxicity       | : LD50 (Rat): > 5,000 mg/kg<br>Method: OECD Test Guideline 401                                                                                       |
| Acute inhalation toxicity | : LC50 (Rat): > 0.162 mg/l<br>Exposure time: 4 h<br>Test atmosphere: vapour<br>Remarks: Based on data from similar materials                         |
| Acute dermal toxicity     | : LD50 (Rabbit): > 2,000 mg/kg<br>Assessment: The substance or mixture has no acute dermal toxicity<br>Remarks: Based on data from similar materials |

#### **Ethanolamine:**

- |                           |                                                                                                                                                                               |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Acute oral toxicity       | : LD50 (Rat): 1,515 mg/kg                                                                                                                                                     |
| Acute inhalation toxicity | : Acute toxicity estimate: 11 mg/l<br>Test atmosphere: vapour<br>Method: Expert judgement<br>Remarks: Based on harmonised classification in EU regulation 1272/2008, Annex VI |
| Acute dermal toxicity     | : LD50 (Rabbit): 1,025 mg/kg                                                                                                                                                  |

#### **Imidazolium compounds, 1-[2-(carboxymethoxy)ethyl]-1-(carboxymethyl)-4,5-dihydro-2-norcoco alkyl, hydroxides, sodium salts:**

- |                     |                                                                                    |
|---------------------|------------------------------------------------------------------------------------|
| Acute oral toxicity | : LD50 (Rat, male): > 5,000 mg/kg<br>Remarks: Based on data from similar materials |
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Acute dermal toxicity : LD50 (Rat): > 5,000 mg/kg  
Method: OECD Test Guideline 402  
Remarks: Based on data from similar materials

### **I-(+)-Lactic acid:**

Acute oral toxicity : LD50 (Rat, female): 3,543 mg/kg

Acute inhalation toxicity : LC50 (Rat): > 7.94 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist  
Method: OECD Test Guideline 403

Acute dermal toxicity : LD50 (Rabbit): > 2,000 mg/kg

### **Triclosan:**

Acute oral toxicity : LD50 (Rat): > 5,000 mg/kg  
Method: OECD Test Guideline 401

Acute dermal toxicity : LD50 (Rabbit): > 6,000 mg/kg

### **Skin corrosion/irritation**

Not classified based on available information.

### **Product:**

Result: No skin irritation

### **Components:**

#### **Ethanol:**

Species: Rabbit  
Method: OECD Test Guideline 404  
Result: No skin irritation

#### **Dodecanoic acid:**

Species: Rabbit  
Method: OECD Test Guideline 404  
Result: No skin irritation

#### **Ethanolamine:**

Species: Rabbit  
Result: Corrosive after 3 minutes to 1 hour of exposure

#### **Imidazolium compounds, 1-[2-(carboxymethoxy)ethyl]-1-(carboxymethyl)-4,5-dihydro-2-norcoco alkyl, hydroxides, sodium salts:**

Species: Rabbit  
Method: OECD Test Guideline 404  
Result: No skin irritation  
Remarks: Based on data from similar materials

#### **I-(+)-Lactic acid:**

Species: Rabbit  
Result: Skin irritation

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### Triclosan:

Species: Rabbit

Method: Draize Test

Result: Skin irritation

### Serious eye damage/eye irritation

Causes serious eye damage.

### Components:

#### Ethanol:

Species: Rabbit

Method: OECD Test Guideline 405

Result: Irritation to eyes, reversing within 21 days

#### Dodecanoic acid:

Species: Rabbit

Method: OECD Test Guideline 405

Result: Irreversible effects on the eye

#### Ethanolamine:

Species: Rabbit

Result: Irreversible effects on the eye

### Imidazolium compounds, 1-[2-(carboxymethoxy)ethyl]-1-(carboxymethyl)-4,5-dihydro-2-norcoalkyl, hydroxides, sodium salts:

Species: Rabbit

Method: OECD Test Guideline 405

Result: Irreversible effects on the eye

Remarks: Based on data from similar materials

### L-(+)-Lactic acid:

Species: Chicken eye

Result: Irreversible effects on the eye

### Triclosan:

Species: Rabbit

Result: Irritation to eyes, reversing within 21 days

### Respiratory or skin sensitisation

Skin sensitisation: Not classified based on available information.

Respiratory sensitisation: Not classified based on available information.

### Product:

Assessment: Does not cause skin sensitisation.

### Components:

#### Ethanol:

Test Type: Local lymph node assay (LLNA)

Exposure routes: Skin contact

Species: Mouse

Result: negative

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### Dodecanoic acid:

Test Type: Maximisation Test (GPMT)

Exposure routes: Skin contact

Species: Guinea pig

Result: negative

### Ethanolamine:

Test Type: Maximisation Test (GPMT)

Exposure routes: Skin contact

Species: Guinea pig

Result: negative

### Imidazolium compounds, 1-[2-(carboxymethoxy)ethyl]-1-(carboxymethyl)-4,5-dihydro-2-norcoco alkyl, hydroxides, sodium salts:

Test Type: Maximisation Test (GPMT)

Exposure routes: Skin contact

Species: Guinea pig

Method: OECD Test Guideline 406

Result: negative

Remarks: Based on data from similar materials

### L-(+)-Lactic acid:

Test Type: Buehler Test

Exposure routes: Skin contact

Species: Guinea pig

Result: negative

### Triclosan:

Test Type: Buehler Test

Exposure routes: Skin contact

Species: Guinea pig

Method: OECD Test Guideline 406

Result: negative

### Germ cell mutagenicity

Not classified based on available information.

### Components:

#### Ethanol:

Genotoxicity in vitro : Test Type: In vitro mammalian cell gene mutation test  
Result: negative

Genotoxicity in vivo : Test Type: Rodent dominant lethal test (germ cell) (in vivo)  
Species: Mouse  
Application Route: Ingestion  
Result: negative

#### Dodecanoic acid:

Genotoxicity in vitro : Test Type: In vitro mammalian cell gene mutation test  
Method: OECD Test Guideline 476  
Result: negative  
Remarks: Based on data from similar materials

#### Ethanolamine:

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- Genotoxicity in vitro : Test Type: In vitro mammalian cell gene mutation test  
Method: OECD Test Guideline 476  
Result: negative
- Genotoxicity in vivo : Test Type: Mammalian erythrocyte micronucleus test (in vivo cytogenetic assay)  
Species: Mouse  
Application Route: Ingestion  
Method: OECD Test Guideline 474  
Result: negative

### Imidazolium compounds, 1-[2-(carboxymethoxy)ethyl]-1-(carboxymethyl)-4,5-dihydro-2-norcoco alkyl, hydroxides, sodium salts:

- Genotoxicity in vitro : Test Type: Chromosome aberration test in vitro  
Method: OECD Test Guideline 473  
Result: negative  
Remarks: Based on data from similar materials
- : Test Type: Bacterial reverse mutation assay (AMES)  
Result: negative  
Remarks: Based on data from similar materials
- : Test Type: In vitro mammalian cell gene mutation test  
Method: OECD Test Guideline 476  
Result: negative  
Remarks: Based on data from similar materials

### L-(+)-Lactic acid:

- Genotoxicity in vitro : Test Type: Chromosome aberration test in vitro  
Metabolic activation: with and without metabolic activation  
Result: negative  
Remarks: Based on data from similar materials
- : Test Type: Bacterial reverse mutation assay (AMES)  
Metabolic activation: with and without metabolic activation  
Result: negative

### Triclosan:

- Genotoxicity in vitro : Test Type: Bacterial reverse mutation assay (AMES)  
Method: OECD Test Guideline 471  
Result: negative
- : Test Type: Chromosome aberration test in vitro  
Method: OECD Test Guideline 473  
Result: Equivocal
- : Test Type: In vitro mammalian cell gene mutation test  
Result: negative
- Genotoxicity in vivo : Test Type: Mutagenicity (in vivo mammalian bone-marrow cytogenetic test, chromosomal analysis)  
Species: Rat  
Application Route: Ingestion  
Method: OECD Test Guideline 475

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Result: negative

### Carcinogenicity

Not classified based on available information.

#### Components:

##### **I-(+)-Lactic acid:**

Species: Rat

Application Route: Ingestion

Exposure time: 2 Years

Result: negative

Remarks: Based on data from similar materials

##### **Triclosan:**

Species: Rat

Application Route: Ingestion

Exposure time: 2 Years

Method: OECD Test Guideline 453

Result: negative

### Reproductive toxicity

Not classified based on available information.

#### Components:

##### **Ethanol:**

Effects on fertility

: Test Type: Two-generation reproduction toxicity study  
Species: Mouse  
Application Route: Ingestion  
Method: OECD Test Guideline 416  
Result: negative

##### **Dodecanoic acid:**

Effects on fertility

: Test Type: Combined repeated dose toxicity study with the reproduction/developmental toxicity screening test  
Species: Rat  
Application Route: Ingestion  
Method: OECD Test Guideline 422  
Result: negative  
Remarks: Based on data from similar materials

Effects on foetal development

: Test Type: Combined repeated dose toxicity study with the reproduction/developmental toxicity screening test  
Species: Rat  
Application Route: Ingestion  
Method: OECD Test Guideline 422  
Result: negative  
Remarks: Based on data from similar materials

##### **Ethanolamine:**

Effects on fertility

: Test Type: Two-generation reproduction toxicity study  
Species: Rat  
Application Route: Ingestion  
Result: negative

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Effects on foetal development : Test Type: Embryo-foetal development  
Species: Rat  
Application Route: Ingestion  
Method: OECD Test Guideline 414  
Result: negative

**Triclosan:**  
Effects on fertility : Test Type: Two-generation study  
Species: Rat  
Application Route: Ingestion  
Result: negative

Effects on foetal development : Test Type: Embryo-foetal development  
Species: Rabbit  
Application Route: Ingestion  
Result: negative

Test Type: Embryo-foetal development  
Species: Rat  
Application Route: Ingestion  
Result: negative

### STOT - single exposure

Not classified based on available information.

#### Components:

##### **Ethanolamine:**

Assessment: May cause respiratory irritation.

##### **I-(+)-Lactic acid:**

Assessment: May cause respiratory irritation.

### STOT - repeated exposure

Not classified based on available information.

#### Components:

##### **Ethanolamine:**

Exposure routes: inhalation (dust/mist/fume)

Assessment: No significant health effects observed in animals at concentrations of 0.2 mg/l/6h/d or less.

### Repeated dose toxicity

#### Components:

##### **Ethanol:**

Species: Rat

NOAEL: 2,400 mg/kg

Application Route: Ingestion

Exposure time: 2 y

##### **Dodecanoic acid:**

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Species: Rat  
NOAEL: 10,000 mg/kg  
Application Route: Ingestion  
Exposure time: 18 w

### Ethanolamine:

Species: Rat  
NOAEL: 150 mg/m<sup>3</sup>  
Application Route: inhalation (dust/mist/fume)  
Exposure time: 28 d

### Imidazolium compounds, 1-[2-(carboxymethoxy)ethyl]-1-(carboxymethyl)-4,5-dihydro-2-norcoco alkyl, hydroxides, sodium salts:

Species: Rat, female  
NOAEL: 250 mg/kg  
LOAEL: 500 mg/kg  
Application Route: Ingestion  
Exposure time: 28 d  
Remarks: Based on data from similar materials

### L-(+)-Lactic acid:

Species: Rat  
NOAEL: >= 886 mg/kg  
Application Route: Skin contact  
Exposure time: 13 w

### Triclosan:

Species: Rat  
NOAEL: 33 mg/kg  
LOAEL: 107 mg/kg  
Application Route: Ingestion  
Exposure time: 2 y

Species: Rat  
NOAEL: >= 80 mg/kg  
Application Route: Skin contact  
Exposure time: 90 d

### Aspiration toxicity

Not classified based on available information.

## SECTION 12: Ecological information

### 12.1 Toxicity

#### Components:

##### **Ethanol:**

Toxicity to fish : LC50 (Pimephales promelas (fathead minnow)): > 1,000 mg/l  
Exposure time: 96 h

Toxicity to daphnia and other : EC50 (Daphnia magna (Water flea)): > 1,000 mg/l  
aquatic invertebrates Exposure time: 48 h

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Toxicity to algae : EC50 (Chlorella vulgaris (Fresh water algae)): 275 mg/l  
Exposure time: 72 h  
Method: OECD Test Guideline 201

Toxicity to bacteria : EC50 (Photobacterium phosphoreum): 32.1 mg/l  
Exposure time: 0.25 h

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC: 9.6 mg/l  
Exposure time: 9 d  
Species: Daphnia magna (Water flea)

### Dodecanoic acid:

Toxicity to fish : LC50 (Oryzias latipes (Japanese medaka)): 5 mg/l  
Exposure time: 96 h  
Method: OECD Test Guideline 203

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 3.6 mg/l  
Exposure time: 48 h  
Method: OECD Test Guideline 202

Toxicity to algae : EC50 (Selastrum capricornutum (green algae)): > 7.6 mg/l  
Exposure time: 72 h  
Method: OECD Test Guideline 201  
Remarks: No toxicity at the limit of solubility

NOEC (Selastrum capricornutum (green algae)): > 7.6 mg/l  
Exposure time: 72 h  
Method: OECD Test Guideline 201  
Remarks: No toxicity at the limit of solubility

Toxicity to bacteria : EC10 (Pseudomonas putida): > 1,000 mg/l  
Exposure time: 30 min  
Method: OECD Test Guideline 209

Toxicity to fish (Chronic toxicity) : NOEC: 2 mg/l  
Exposure time: 28 d  
Species: Danio rerio (zebra fish)  
Remarks: Based on data from similar materials

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC: 0.47 mg/l  
Exposure time: 21 d  
Species: Daphnia magna (Water flea)  
Method: OECD Test Guideline 211

### Ethanolamine:

Toxicity to fish : LC50 (Cyprinus carpio (Carp)): 349 mg/l  
Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 65 mg/l  
Exposure time: 48 h

Toxicity to algae : ErC50 (Selastrum capricornutum (green algae)): 2.8 mg/l  
Exposure time: 72 h

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NOEC (*Scenedesmus capricornutum* (fresh water algae)): 1 mg/l  
Exposure time: 72 h

Toxicity to bacteria : EC50 (*Pseudomonas putida*): 110 mg/l  
Exposure time: 17 h

Toxicity to fish (Chronic toxicity) : NOEC: 1.24 mg/l  
Exposure time: 41 d  
Species: *Oryzias latipes* (Orange-red killifish)

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC: 0.85 mg/l  
Exposure time: 21 d  
Species: *Daphnia magna* (Water flea)

### Imidazolium compounds, 1-[2-(carboxymethoxy)ethyl]-1-(carboxymethyl)-4,5-dihydro-2-norcoco alkyl, hydroxides, sodium salts:

Toxicity to fish : LC50 (*Oncorhynchus mykiss* (rainbow trout)): 4.2 mg/l  
Exposure time: 96 h  
Method: OECD Test Guideline 203  
Remarks: Based on data from similar materials

Toxicity to daphnia and other aquatic invertebrates : EC50 (*Daphnia magna* (Water flea)): 17.9 mg/l  
Exposure time: 48 h  
Method: OECD Test Guideline 202  
Remarks: Based on data from similar materials

Toxicity to algae : NOEC (*Pseudokirchneriella subcapitata* (green algae)): 3.2 mg/l  
Exposure time: 72 h  
Method: Directive 67/548/EEC, Annex V, C.3.  
Remarks: Based on data from similar materials

ErC50 (*Pseudokirchneriella subcapitata* (green algae)): 10 mg/l  
Exposure time: 72 h  
Method: Directive 67/548/EEC, Annex V, C.3.  
Remarks: Based on data from similar materials

### I-(+)-Lactic acid:

Toxicity to fish : LC50 (*Oncorhynchus mykiss* (rainbow trout)): 130 mg/l  
Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates : EC50 (*Daphnia magna* (Water flea)): 250 mg/l  
Exposure time: 48 h  
Method: OECD Test Guideline 202

Toxicity to algae : NOEC (*Selenastrum capricornutum* (fresh water algae)): 1.9 g/l  
Exposure time: 72 h  
Method: OECD Test Guideline 201

EC50 (*Selenastrum capricornutum* (fresh water algae)): 3.5 g/l

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|                                                                        |                                                                                                                                                                        |
|------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                        | Exposure time: 72 h<br>Method: OECD Test Guideline 201                                                                                                                 |
| Toxicity to bacteria                                                   | : EC50 : > 100 mg/l<br>Exposure time: 3 h<br>Method: OECD Test Guideline 209                                                                                           |
| <b>Triclosan:</b>                                                      |                                                                                                                                                                        |
| Toxicity to fish                                                       | : LC50 (Brachydanio rerio (zebrafish)): 0.54 mg/l<br>Exposure time: 96 h<br>Method: Directive 67/548/EEC, Annex V, C.1.                                                |
| Toxicity to daphnia and other aquatic invertebrates                    | : EC50 (Daphnia magna (Water flea)): 0.191 mg/l<br>Exposure time: 48 h<br>Method: OECD Test Guideline 202                                                              |
| Toxicity to algae                                                      | : NOEC (Desmodesmus subspicatus (green algae)): 0.69 µg/l<br>Exposure time: 96 h<br><br>EC50 (Desmodesmus subspicatus (green algae)): 1.61 µg/l<br>Exposure time: 96 h |
| M-Factor (Acute aquatic toxicity)                                      | : 100                                                                                                                                                                  |
| Toxicity to bacteria                                                   | : EC50 : 11 mg/l<br>Exposure time: 3 h<br>Method: OECD Test Guideline 209                                                                                              |
| Toxicity to fish (Chronic toxicity)                                    | : NOEC: 0.034 mg/l<br>Exposure time: 96 d<br>Species: Oncorhynchus mykiss (rainbow trout)                                                                              |
| Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) | : NOEC: 0.026 mg/l<br>Exposure time: 21 d<br>Species: Daphnia magna (Water flea)                                                                                       |
| M-Factor (Chronic aquatic toxicity)                                    | : 100                                                                                                                                                                  |

### 12.2 Persistence and degradability

#### Components:

##### **Ethanol:**

|                  |                                                                                |
|------------------|--------------------------------------------------------------------------------|
| Biodegradability | : Result: Readily biodegradable<br>Biodegradation: 84 %<br>Exposure time: 20 d |
|------------------|--------------------------------------------------------------------------------|

##### **Dodecanoic acid:**

|                  |                                                                                                                    |
|------------------|--------------------------------------------------------------------------------------------------------------------|
| Biodegradability | : Result: Readily biodegradable<br>Biodegradation: 86 %<br>Exposure time: 30 d<br>Method: OECD Test Guideline 301D |
|------------------|--------------------------------------------------------------------------------------------------------------------|

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### Ethanolamine:

Biodegradability : Result: Readily biodegradable  
Biodegradation: > 90 %  
Exposure time: 21 d

### Imidazolium compounds, 1-[2-(carboxymethoxy)ethyl]-1-(carboxymethyl)-4,5-dihydro-2-norcoco alkyl, hydroxides, sodium salts:

Biodegradability : Result: Readily biodegradable  
Biodegradation: 79 %  
Exposure time: 28 d  
Method: OECD Test Guideline 301F  
Remarks: Based on data from similar materials

### L-(+)-Lactic acid:

Biodegradability : Result: Not readily biodegradable.  
Biodegradation: 67 %  
Exposure time: 20 d

### Triclosan:

Biodegradability : Result: Not readily biodegradable.  
Biodegradation: 18 - 37 %  
Exposure time: 28 d  
Method: OECD Test Guideline 301B

Result: Inherently biodegradable.  
Biodegradation: 99.4 %  
Exposure time: 14 d  
Method: OECD Test Guideline 302B

Result: Not readily biodegradable.  
Biodegradation: 18.6 %  
Exposure time: 28 d  
Method: OECD Test Guideline 301B

## 12.3 Bioaccumulative potential

### Components:

#### Ethanol:

Partition coefficient: n-octanol/water : log Pow: -0.35

#### Dodecanoic acid:

Bioaccumulation : Species: Fish  
Bioconcentration factor (BCF): 234 - 288  
Remarks: Based on data from similar materials

Partition coefficient: n-octanol/water : Pow: 4.6

#### Ethanolamine:

Partition coefficient: n-octanol/water : log Pow: -1.91

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### I-(+)-Lactic acid:

Partition coefficient: n-octanol/water : log Pow: -0.6

### Triclosan:

Bioaccumulation : Species: Zebrafish  
Bioconcentration factor (BCF): 2,532 - 4,157  
Method: OECD Test Guideline 305C

Partition coefficient: n-octanol/water : log Pow: 4.8

### 12.4 Mobility in soil

No data available

### 12.5 Results of PBT and vPvB assessment

Not relevant

### 12.6 Other adverse effects

No data available

---

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

|                        |                                                                                                                                                                                                                                                                               |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product                | : Dispose of in accordance with local regulations.<br>According to the European Waste Catalogue, Waste Codes are not product specific, but application specific.<br>Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities. |
| Contaminated packaging | : Dispose of as unused product.<br>Empty containers should be taken to an approved waste handling site for recycling or disposal.<br>Do not burn, or use a cutting torch on, the empty drum.                                                                                  |

---

## SECTION 14: Transport information

### 14.1 UN number

|      |           |
|------|-----------|
| ADN  | : UN 1170 |
| ADR  | : UN 1170 |
| RID  | : UN 1170 |
| IMDG | : UN 1170 |
| IATA | : UN 1170 |

### 14.2 UN proper shipping name

|     |                          |
|-----|--------------------------|
| ADN | : ETHYL ALCOHOL SOLUTION |
|-----|--------------------------|

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|      |                                         |
|------|-----------------------------------------|
| ADR  | : ETHYL ALCOHOL SOLUTION                |
| RID  | : ETHYL ALCOHOL SOLUTION                |
| IMDG | : ETHYL ALCOHOL SOLUTION<br>(Triclosan) |
| IATA | : Ethanol solution                      |

### 14.3 Transport hazard class(es)

|      |     |
|------|-----|
| ADN  | : 3 |
| ADR  | : 3 |
| RID  | : 3 |
| IMDG | : 3 |
| IATA | : 3 |

### 14.4 Packing group

|                                          |                     |
|------------------------------------------|---------------------|
| <b>ADN</b>                               |                     |
| Packing group                            | : III               |
| Classification Code                      | : F1                |
| Hazard Identification Number             | : 30                |
| Labels                                   | : 3                 |
| <b>ADR</b>                               |                     |
| Packing group                            | : III               |
| Classification Code                      | : F1                |
| Hazard Identification Number             | : 30                |
| Labels                                   | : 3                 |
| Tunnel restriction code                  | : (D/E)             |
| <b>RID</b>                               |                     |
| Packing group                            | : III               |
| Classification Code                      | : F1                |
| Hazard Identification Number             | : 30                |
| Labels                                   | : 3                 |
| <b>IMDG</b>                              |                     |
| Packing group                            | : III               |
| Labels                                   | : 3                 |
| EmS Code                                 | : F-E, S-D          |
| <b>IATA</b>                              |                     |
| Packing instruction (cargo aircraft)     | : 366               |
| Packing instruction (passenger aircraft) | : 355               |
| Packing instruction (LQ)                 | : Y344              |
| Packing group                            | : III               |
| Labels                                   | : Flammable Liquids |

### 14.5 Environmental hazards

|                           |       |
|---------------------------|-------|
| <b>ADN</b>                |       |
| Environmentally hazardous | : yes |

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### ADR

Environmentally hazardous : yes

### RID

Environmentally hazardous : yes

### IMDG

Marine pollutant : yes

### 14.6 Special precautions for user

Not applicable

### 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Remarks : Not applicable for product as supplied.

## SECTION 15: Regulatory information

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Regulation (EC) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals : Not applicable

REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59). : Not applicable

Regulation (EC) No 1005/2009 on substances that deplete the ozone layer : Not applicable

Regulation (EC) No 850/2004 on persistent organic pollutants : Not applicable

Seveso II - Directive 2003/105/EC amending Council Directive 96/82/EC on the control of major-accident hazards involving dangerous substances

|    |                               | Quantity 1<br>100 t | Quantity 2<br>200 t |
|----|-------------------------------|---------------------|---------------------|
| 9a | Dangerous for the environment |                     |                     |

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances.

|     |                                                                                                                                                                                                              |         |          |
|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----------|
| E1  | ENVIRONMENTAL HAZARDS                                                                                                                                                                                        | 100 t   | 200 t    |
| P5c | FLAMMABLE LIQUIDS                                                                                                                                                                                            | 5,000 t | 50,000 t |
| 34  | Petroleum products: (a) gasolines and naphthas, (b) kerosenes (including jet fuels), (c) gas oils (including diesel fuels, home heating oils and gas oil blending streams), (d) heavy fuel oils (e) alterna- | 2,500 t | 25,000 t |

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tive fuels serving the same purposes and with similar properties as regards flammability and environmental hazards as the products referred to in points (a) to (d)

Volatile organic compounds : Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control)  
Volatile organic compounds (VOC) content: 15 %

### The components of this product are reported in the following inventories:

AICS : All ingredients listed or exempt.

#### Inventories

AICS (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), TCSI (Taiwan), TSCA (USA)

### 15.2 Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out.

## SECTION 16: Other information

#### Full text of R-Phrases

|           |                                                                                                    |
|-----------|----------------------------------------------------------------------------------------------------|
| R11       | : Highly flammable.                                                                                |
| R20/21/22 | : Harmful by inhalation, in contact with skin and if swallowed.                                    |
| R34       | : Causes burns.                                                                                    |
| R36       | : Irritating to eyes.                                                                              |
| R36/38    | : Irritating to eyes and skin.                                                                     |
| R37/38    | : Irritating to respiratory system and skin.                                                       |
| R41       | : Risk of serious damage to eyes.                                                                  |
| R50/53    | : Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. |
| R51/53    | : Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.      |

#### Full text of H-Statements

|      |                                                         |
|------|---------------------------------------------------------|
| H225 | : Highly flammable liquid and vapour.                   |
| H302 | : Harmful if swallowed.                                 |
| H312 | : Harmful in contact with skin.                         |
| H314 | : Causes severe skin burns and eye damage.              |
| H315 | : Causes skin irritation.                               |
| H318 | : Causes serious eye damage.                            |
| H319 | : Causes serious eye irritation.                        |
| H332 | : Harmful if inhaled.                                   |
| H335 | : May cause respiratory irritation.                     |
| H400 | : Very toxic to aquatic life.                           |
| H410 | : Very toxic to aquatic life with long lasting effects. |

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|----------------|------------------------------|-----------------------------|-------------------------------------------------------------------|

H412 : Harmful to aquatic life with long lasting effects.

### Full text of other abbreviations

|                   |                                                          |
|-------------------|----------------------------------------------------------|
| Acute Tox.        | : Acute toxicity                                         |
| Aquatic Acute     | : Acute aquatic toxicity                                 |
| Aquatic Chronic   | : Chronic aquatic toxicity                               |
| Eye Dam.          | : Serious eye damage                                     |
| Eye Irrit.        | : Eye irritation                                         |
| Flam. Liq.        | : Flammable liquids                                      |
| Skin Corr.        | : Skin corrosion                                         |
| Skin Irrit.       | : Skin irritation                                        |
| STOT SE           | : Specific target organ toxicity - single exposure       |
| 2006/15/EC        | : Europe. Indicative occupational exposure limit values  |
| GB EH40           | : UK. EH40 WEL - Workplace Exposure Limits               |
| 2006/15/EC / TWA  | : Limit Value - eight hours                              |
| 2006/15/EC / STEL | : Short term exposure limit                              |
| GB EH40 / TWA     | : Long-term exposure limit (8-hour TWA reference period) |
| GB EH40 / STEL    | : Short-term exposure limit (15-minute reference period) |

### Further information

Sources of key data used to compile the Safety Data Sheet : Internal technical data, data from raw material SDSs, OECD eChem Portal search results and European Chemicals Agency, <http://echa.europa.eu/>

Items where changes have been made to the previous version are highlighted in the body of this document by two vertical lines.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and shall not be considered a warranty or quality specification of any type. The information provided relates only to the specific material identified at the top of this SDS and may not be valid when the SDS material is used in combination with any other materials or in any process, unless specified in the text. Material users should review the information and recommendations in the specific context of their intended manner of handling, use, processing and storage, including an assessment of the appropriateness of the SDS material in the user's end product, if applicable.

GB / EN



## SAFETY DATA SHEET CLEANLINE NON - BIOLOGICAL WASHING POWDER

Commission Regulation (EU) No 2015/830 of 28 May 2015.

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

**Product name** CLEANLINE NON - BIOLOGICAL WASHING POWDER  
**Product number** 800-289-0067  
**Container size** 6.8kg

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

**Identified uses** Washing and cleaning.

#### 1.3. Details of the supplier of the safety data sheet

**Supplier** PRIME SOURCE  
P O BOX 15247  
BIRMINGHAM  
B22 3HN  
tel: 08085 749312  
info@prime-source.co.uk

**Contact person** For content of safety data sheet:, info@prime-source.co.uk or TEL: – 08085 749312

#### 1.4. Emergency telephone number

**Emergency telephone** Prime Source: 01865 407333 - FOR MEDICAL EMERGENCY USE ONLY

**National emergency telephone number** In case of a medical emergency following exposure to a chemical call NHS Direct in England or Wales 0845 46 47 or NHS 24 in Scotland 08454 24 24 24

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification (EC 1272/2008)

**Physical hazards** Not Classified  
**Health hazards** Eye Irrit. 2 - H319  
**Environmental hazards** Not Classified

#### 2.2. Label elements

**Pictogram**



**Signal word** Warning

**Hazard statements** H319 Causes serious eye irritation.

## CLEANLINE NON - BIOLOGICAL WASHING POWDER

### Precautionary statements

P102 Keep out of reach of children.  
 P264 Wash hands thoroughly after handling.  
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P337+P313 If eye irritation persists: Get medical advice/ attention.  
 P302+P352 IF ON SKIN: Wash with plenty of water.  
 P101 If medical advice is needed, have product container or label at hand.

### 2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

|                                                                                                                       |                                                                           |                                                  |               |
|-----------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|--------------------------------------------------|---------------|
| <b>SODIUM CARBONATE</b>                                                                                               |                                                                           |                                                  | <b>30-60%</b> |
| CAS number: 497-19-8                                                                                                  | EC number: 207-838-8                                                      | REACH registration number: 01-2119485498-19-XXXX |               |
| <b>Classification</b><br>Eye Irrit. 2 - H319                                                                          | <b>Classification (67/548/EEC or 1999/45/EC)</b><br>Xi;R36                |                                                  |               |
| <b>SODIUM PERCARBONATE</b>                                                                                            |                                                                           |                                                  | <b>5-10%</b>  |
| CAS number: 15630-89-4                                                                                                |                                                                           |                                                  |               |
| <b>Classification</b><br>Ox. Sol. 3 - H272<br>Acute Tox. 4 - H302<br>Eye Dam. 1 - H318                                | <b>Classification (67/548/EEC or 1999/45/EC)</b><br>Xn;R22. Xi;R41. O;R8. |                                                  |               |
| <b>SODIUM SILICATE CRYSTAL</b>                                                                                        |                                                                           |                                                  | <b>1-5%</b>   |
| CAS number: 1344-09-8                                                                                                 | EC number: 215-687-4                                                      |                                                  |               |
| <b>Classification</b><br>Skin Irrit. 2 - H315<br>Eye Dam. 1 - H318                                                    | <b>Classification (67/548/EEC or 1999/45/EC)</b><br>Xi;R41,R38.           |                                                  |               |
| <b>SODIUM DODECYLBENZENESULFONATE</b>                                                                                 |                                                                           |                                                  | <b>1-5%</b>   |
| CAS number: 68411-30-3                                                                                                | EC number: 270-115-0                                                      | REACH registration number: 01-2119489428-22-XXXX |               |
| <b>Classification</b><br>Acute Tox. 4 - H302<br>Skin Irrit. 2 - H315<br>Eye Dam. 1 - H318<br>Aquatic Chronic 3 - H412 | <b>Classification (67/548/EEC or 1999/45/EC)</b><br>Xn;R22. Xi;R38,R41.   |                                                  |               |

## CLEANLINE NON - BIOLOGICAL WASHING POWDER

|                              |                                                  |      |
|------------------------------|--------------------------------------------------|------|
| C12-15 FATTY ALCOHOL 7MOL EO |                                                  | 1-5% |
| CAS number: 68131-39-5       |                                                  |      |
| M factor (Acute) = 1         |                                                  |      |
| <b>Classification</b>        | <b>Classification (67/548/EEC or 1999/45/EC)</b> |      |
| Eye Dam. 1 - H318            | Xn;R22. Xi;R41. N;R50.                           |      |
| Aquatic Acute 1 - H400       |                                                  |      |
| Aquatic Chronic 3 - H412     |                                                  |      |

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

|                     |                                                                                                                                                                                                      |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Inhalation</b>   | Move affected person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.                                                                       |
| <b>Ingestion</b>    | Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.                                 |
| <b>Skin contact</b> | Rinse immediately with plenty of water. Remove contaminated clothing. Get medical attention if irritation persists after washing.                                                                    |
| <b>Eye contact</b>  | Immediately flush with plenty of water for at least 15 minutes. Remove any contact lenses and hold eyelids open widely. Get medical attention. Show this Safety Data Sheet to the medical personnel. |

#### 4.2. Most important symptoms and effects, both acute and delayed

|                     |                                                                 |
|---------------------|-----------------------------------------------------------------|
| <b>Inhalation</b>   | May cause respiratory irritation.                               |
| <b>Ingestion</b>    | May cause discomfort if swallowed. Nausea, vomiting. Diarrhoea. |
| <b>Skin contact</b> | Prolonged skin contact may cause redness and irritation.        |
| <b>Eye contact</b>  | May cause irritation to eyes.                                   |

#### 4.3. Indication of any immediate medical attention and special treatment needed

|                             |                              |
|-----------------------------|------------------------------|
| <b>Notes for the doctor</b> | No specific recommendations. |
|-----------------------------|------------------------------|

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

|                                     |                                                                                                                                   |
|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| <b>Suitable extinguishing media</b> | The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire. Foam, carbon dioxide or dry powder. |
|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|

#### 5.2. Special hazards arising from the substance or mixture

|                                      |                                            |
|--------------------------------------|--------------------------------------------|
| <b>Specific hazards</b>              | The product is non-combustible.            |
| <b>Hazardous combustion products</b> | No known hazardous decomposition products. |

#### 5.3. Advice for firefighters

|                                                      |                                                                                                       |
|------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| <b>Protective actions during firefighting</b>        | Control run-off water by containing and keeping it out of sewers and watercourses.                    |
| <b>Special protective equipment for firefighters</b> | Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. |

## CLEANLINE NON - BIOLOGICAL WASHING POWDER

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

**Personal precautions** For personal protection, see Section 8. In case of spills, beware of slippery floors and surfaces.

#### 6.2. Environmental precautions

**Environmental precautions** Collect and dispose of spillage as indicated in Section 13. Do not discharge into drains or watercourses or onto the ground.

#### 6.3. Methods and material for containment and cleaning up

**Methods for cleaning up** Collect spillage with a shovel and broom, or similar and reuse, if possible. Collect and place in suitable waste disposal containers and seal securely. Flush contaminated area with plenty of water. Flush contaminated area with plenty of water. Avoid the spillage or runoff entering drains, sewers or watercourses.

#### 6.4. Reference to other sections

**Reference to other sections** For personal protection, see Section 8. See Section 11 for additional information on health hazards. For waste disposal, see Section 13.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

**Usage precautions** Avoid contact with skin and eyes. Wear protective clothing as described in Section 8 of this safety data sheet. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site. Do not eat, drink or smoke when using the product.

#### 7.2. Conditions for safe storage, including any incompatibilities

**Storage precautions** Store in tightly-closed, original container. Keep container dry.

#### 7.3. Specific end use(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

### SECTION 8: Exposure controls/Personal protection

#### 8.1. Control parameters

#### SODIUM CARBONATE (CAS: 497-19-8)

**DNEL** Workers - Inhalation; Long term local effects: 10 mg/m<sup>3</sup>  
General population - Inhalation; Long term local effects: 10 mg/m<sup>3</sup>

#### SODIUM PERCARBONATE (CAS: 15630-89-4)

**DNEL** Workers - Inhalation; Long term local effects: 5 mg/m<sup>3</sup>  
Workers - Dermal; Long term local effects: 12.8 mg/cm<sup>2</sup>  
Workers - Dermal; Short term local effects: 12.8 mg/cm<sup>2</sup>  
General population - Dermal; Long term local effects: 6.4 mg/cm<sup>2</sup>  
General population - Dermal; Short term local effects: 6.4 mg/cm<sup>2</sup>

**PNEC** - Fresh water; 0.035 mg/l  
- marine water; 0.035 mg/l  
- STP; 16.24 mg/l

#### SODIUM DODECYLBENZENESULFONATE (CAS: 68411-30-3)

## CLEANLINE NON - BIOLOGICAL WASHING POWDER

### DNEL

Industry - Inhalation; Long term systemic effects: 6 mg/m<sup>3</sup>  
 Industry - Inhalation; Long term local effects: 6 mg/m<sup>3</sup>  
 Industry - Dermal; Long term systemic effects: 85 mg/kg/day  
 Consumer - Inhalation; Long term systemic effects: 1.5 mg/m<sup>3</sup>  
 Consumer - Inhalation; Long term local effects: 1.5 mg/m<sup>3</sup>  
 Consumer - Dermal; Long term systemic effects: 42.5 mg/kg/day  
 Consumer - Oral; Long term systemic effects: 0.425 mg/kg/day

### PNEC

- Fresh water; 0.268 mg/l  
 - marine water; 0.0268 mg/l  
 - Intermittent release; 0.0167 mg/l  
 - STP; 3.43 mg/l  
 - Sediment, Fresh water; 8.1 mg/kg  
 - Sediment, marine water; 6.8 mg/kg  
 - Soil; 35 mg/kg

## 8.2. Exposure controls

### Protective equipment



### Appropriate engineering controls

Provide adequate ventilation.

### Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Unless the assessment indicates a higher degree of protection is required, the following protection should be worn: Tight-fitting safety glasses. Personal protective equipment for eye and face protection should comply with European Standard EN166.

### Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. The most suitable glove should be chosen in consultation with the glove supplier/manufacture, who can provide information about the breakthrough time of the glove material. To protect hands from chemicals, gloves should comply with European Standard EN374. Gloves made from the following material may provide suitable chemical protection: Rubber (natural, latex). Butyl rubber. Thickness: >0.5 mm Nitrile rubber. Thickness: >0.35 mm Polyvinyl chloride (PVC). For users with sensitive skin, it is recommended that suitable protective gloves are worn.

### Other skin and body protection

Wear appropriate clothing to prevent repeated or prolonged skin contact.

### Hygiene measures

When using do not eat, drink or smoke. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site. Use appropriate skin cream to prevent drying of skin.

### Respiratory protection

Respiratory protection not required.

### Environmental exposure controls

Avoid releasing into the environment.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

#### Appearance

Powder.

#### Colour

White with blue speckles

## CLEANLINE NON - BIOLOGICAL WASHING POWDER

|                                          |                                                                                                                       |
|------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| Odour                                    | Perfumed.                                                                                                             |
| Odour threshold                          | Not applicable. Not applicable.                                                                                       |
| pH                                       | pH (diluted solution): 10.0 - 10.4 (1g/100ml)                                                                         |
| Bulk density                             | 0.750 - 0.850 kg/l                                                                                                    |
| Solubility(ies)                          | Completely soluble in water.                                                                                          |
| Explosive properties                     | There are no chemical groups present in the product that are associated with explosive properties.                    |
| Explosive under the influence of a flame | Not considered to be explosive.                                                                                       |
| Oxidising properties                     | The product contains a substance classified as oxidising. Does not meet the criteria for classification as oxidising. |

### 9.2. Other information

|                   |               |
|-------------------|---------------|
| Other information | Not relevant. |
|-------------------|---------------|

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

|            |                                                                     |
|------------|---------------------------------------------------------------------|
| Reactivity | There are no known reactivity hazards associated with this product. |
|------------|---------------------------------------------------------------------|

### 10.2. Chemical stability

|           |                                        |
|-----------|----------------------------------------|
| Stability | Stable at normal ambient temperatures. |
|-----------|----------------------------------------|

### 10.3. Possibility of hazardous reactions

|                                    |                 |
|------------------------------------|-----------------|
| Possibility of hazardous reactions | Not applicable. |
|------------------------------------|-----------------|

### 10.4. Conditions to avoid

|                     |               |
|---------------------|---------------|
| Conditions to avoid | Not relevant. |
|---------------------|---------------|

### 10.5. Incompatible materials

|                    |                                                                                                                  |
|--------------------|------------------------------------------------------------------------------------------------------------------|
| Materials to avoid | No specific material or group of materials is likely to react with the product to produce a hazardous situation. |
|--------------------|------------------------------------------------------------------------------------------------------------------|

### 10.6. Hazardous decomposition products

|                                  |                                            |
|----------------------------------|--------------------------------------------|
| Hazardous decomposition products | No known hazardous decomposition products. |
|----------------------------------|--------------------------------------------|

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

|                       |                                                                               |
|-----------------------|-------------------------------------------------------------------------------|
| Toxicological effects | Information given is based on data of the components and of similar products. |
|-----------------------|-------------------------------------------------------------------------------|

#### Acute toxicity - oral

|                                |                                                                                      |
|--------------------------------|--------------------------------------------------------------------------------------|
| Notes (oral LD <sub>50</sub> ) | Based on available data the classification criteria are not met. Calculation method. |
|--------------------------------|--------------------------------------------------------------------------------------|

|                  |          |
|------------------|----------|
| ATE oral (mg/kg) | 8,059.47 |
|------------------|----------|

#### Acute toxicity - dermal

|                                  |                                                                                      |
|----------------------------------|--------------------------------------------------------------------------------------|
| Notes (dermal LD <sub>50</sub> ) | Based on available data the classification criteria are not met. Calculation method. |
|----------------------------------|--------------------------------------------------------------------------------------|

#### Acute toxicity - inhalation

|                                      |                                                                  |
|--------------------------------------|------------------------------------------------------------------|
| Notes (inhalation LC <sub>50</sub> ) | Based on available data the classification criteria are not met. |
|--------------------------------------|------------------------------------------------------------------|

## CLEANLINE NON - BIOLOGICAL WASHING POWDER

### Skin corrosion/irritation

**Skin corrosion/irritation** Based on available data the classification criteria are not met.

### Serious eye damage/irritation

**Serious eye damage/irritation** Causes serious eye irritation.

### Respiratory sensitisation

**Respiratory sensitisation** Based on available data the classification criteria are not met.

### Skin sensitisation

**Skin sensitisation** Based on available data the classification criteria are not met.

### Germ cell mutagenicity

**Genotoxicity - in vitro** Does not contain any substances known to be mutagenic.

### Carcinogenicity

**Carcinogenicity** Does not contain any substances known to be carcinogenic.

### Reproductive toxicity

**Reproductive toxicity - fertility** Does not contain any substances known to be toxic to reproduction.

### Specific target organ toxicity - single exposure

**STOT - single exposure** Not classified as a specific target organ toxicant after a single exposure.

### Specific target organ toxicity - repeated exposure

**STOT - repeated exposure** Not classified as a specific target organ toxicant after repeated exposure.

### Aspiration hazard

**Aspiration hazard** Not classified.

### General information

This product has low toxicity.

### Ingestion

May cause irritation. Symptoms following overexposure may include the following: Stomach pain. Nausea, vomiting. Diarrhoea.

### Skin contact

Skin irritation should not occur when used as recommended. Prolonged and frequent contact may cause redness and irritation.

### Eye contact

May cause irritation to eyes.

## SECTION 12: Ecological information

### 12.1. Toxicity

**Toxicity** The product is not expected to be toxic to aquatic organisms.

### 12.2. Persistence and degradability

**Persistence and degradability** There are no data on the degradability of this product. The surfactant(s) contained in this product complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them at their direct request, or at the request of a detergent manufacturer.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential** The product is not bioaccumulating.

### 12.4. Mobility in soil

**Mobility** The product is water-soluble and may spread in water systems.

## CLEANLINE NON - BIOLOGICAL WASHING POWDER

### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

### 12.6. Other adverse effects

**Other adverse effects** None known.

## **SECTION 13: Disposal considerations**

### 13.1. Waste treatment methods

**General information** Do not discharge into drains or watercourses or onto the ground.

**Disposal methods** Packaging is recyclable. Residues and empty containers should be taken care of as hazardous waste according to local and national provisions.

## **SECTION 14: Transport information**

**General** The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

### 14.1. UN number

Not applicable.

### 14.2. UN proper shipping name

Not applicable.

### 14.3. Transport hazard class(es)

No transport warning sign required.

### 14.4. Packing group

Not applicable.

### 14.5. Environmental hazards

**Environmentally hazardous substance/marine pollutant**  
No.

### 14.6. Special precautions for user

Not applicable.

### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not applicable.

## **SECTION 15: Regulatory information**

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

**National regulations** Control of Substances Hazardous to Health Regulations 2002 (as amended).

**EU legislation** Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

## CLEANLINE NON - BIOLOGICAL WASHING POWDER

### Guidance

Workplace Exposure Limits EH40.  
CHIP for everyone HSG228.  
COSHH Essentials.  
Approved Classification and Labelling Guide (Sixth edition) L131.  
Safety Data Sheets for Substances and Preparations.

### 15.2. Chemical safety assessment

No information available.

## SECTION 16: Other information

### Abbreviations and acronyms used in the safety data sheet

DNEL: Derived No Effect Level.  
PNEC: Predicted No Effect Concentration.  
PBT: Persistent, Bioaccumulative and Toxic substance.  
vPvB: Very Persistent and Very Bioaccumulative.

### Revision comments

NOTE: Lines within the margin indicate significant changes from the previous revision.

### Revision date

05/11/2018

### Revision

5

### Supersedes date

07/09/2018

### SDS number

21010

### Risk phrases in full

R8 Contact with combustible material may cause fire.  
R22 Harmful if swallowed.  
R36 Irritating to eyes.  
R38 Irritating to skin.  
R41 Risk of serious damage to eyes.  
R50 Very toxic to aquatic organisms.  
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

### Hazard statements in full

H272 May intensify fire; oxidiser.  
H302 Harmful if swallowed.  
H315 Causes skin irritation.  
H318 Causes serious eye damage.  
H319 Causes serious eye irritation.  
H400 Very toxic to aquatic life.  
H412 Harmful to aquatic life with long lasting effects.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.