



# Cleanline Degreaser

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878  
Issue date: 12/12/2017 Revision date: 9/19/2025 Supersedes version of: 8/19/2021 Version: 4.0

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

#### 1.1. Product identifier

Product form : Mixture  
Product name : Cleanline Degreaser  
UFI : 6TJ7-50F2-700N-K7V7  
Product code : CL1004 (5L) / CL1003 (20L)

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

##### Relevant identified uses

Main use category : Professional use  
Industrial/Professional use spec : For professional use only  
Use of the substance/mixture : Cleaning Product

##### Uses advised against

Restrictions on use : Anything other than intended use as listed on the label.

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

##### Supplier

Prime Source  
PO Box 15247  
Birmingham  
B23 3HN  
UK  
Tel: 08085 749312  
E-mail: info@prime-source.co.uk

##### Supplier

Prime Source  
Unit D9  
Horizon Logistics Park  
Co. Dublin  
K67 N4T2  
Ireland  
Tel: +353 (0)1 630 1800  
Email: info@prime-source.co.uk

#### 1.4. Emergency telephone number

Emergency number : +44 (0) 1865 407 333  
24 hour - Medical Emergency Only

| Country/Area   | Organisation/Company                                                         | Address                           | Emergency number                                                                                       | Comment                              |
|----------------|------------------------------------------------------------------------------|-----------------------------------|--------------------------------------------------------------------------------------------------------|--------------------------------------|
| Ireland        | National Poisons Information Centre<br>Beaumont Hospital                     | PO Box 1297<br>Beaumont Road<br>9 | +353 1 809 2566<br>(Healthcare professionals-<br>24/7)<br>+353 1 809 2166 (public,<br>8am - 10pm, 7/7) |                                      |
| United Kingdom | National Poisons Information Service<br>(Birmingham Centre)<br>City Hospital | Dudley Road<br>B18 7QH            | 0344 892 0111                                                                                          | Only for healthcare<br>professionals |

### SECTION 2: Hazards identification

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

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Skin corrosion/irritation, Category 1 H314  
Serious eye damage/eye irritation, Category 1 H318  
Full text of H- and EUH-statements: see section 16

##### Adverse physicochemical, human health and environmental effects

Causes severe skin burns and eye damage. Causes serious eye damage.

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### 2.2. Label elements

#### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)



GHS05

Signal word (CLP)

: Danger

Contains

: disodium metasilicate

Hazard statements (CLP)

: H314 - Causes severe skin burns and eye damage.

Precautionary statements (CLP)

: P280 - Wear eye protection, protective gloves.

P301+P330+P331+P310 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor.

P303+P361+P353+P310 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Immediately call a POISON CENTER or doctor.

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.

P321 - Specific treatment (see supplemental first aid instruction on this label).

### 2.3. Other hazards

Contains no PBT and/or vPvB substances  $\geq 0.1\%$  assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

| Name                                          | Product identifier                                                    | %                | Classification according to Regulation (EC) No. 1272/2008 [CLP]                                                              |
|-----------------------------------------------|-----------------------------------------------------------------------|------------------|------------------------------------------------------------------------------------------------------------------------------|
| disodium metasilicate                         | CAS-No.: 6834-92-0<br>EC-No.: 229-912-9<br>EC Index-No.: 014-010-00-8 | $\geq 1 - < 5$   | Skin Corr. 1B, H314<br>STOT SE 3, H335                                                                                       |
| Sodium (xylenes and 4-ethylbenzene)sulfonates | CAS-No.: 1300-72-7<br>EC-No.: 701-037-1                               | $\geq 0.1 - < 5$ | Acute Tox. 4 (Dermal), H312                                                                                                  |
| 2-butoxyethanol                               | CAS-No.: 111-76-2<br>EC-No.: 203-905-0                                | $\geq 0.1 - < 1$ | Acute Tox. 4 (Oral), H302<br>Acute Tox. 3 (Inhalation), H331<br>Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>STOT RE 2, H373 |

Full text of H- and EUH-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general

: Call a physician immediately.

First-aid measures after inhalation

: Remove person to fresh air and keep comfortable for breathing.

First-aid measures after skin contact

: Rinse skin with water/shower. Take off immediately all contaminated clothing. Call a physician immediately.

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|                                      |                                                                                                                                                      |
|--------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| First-aid measures after eye contact | : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately. |
| First-aid measures after ingestion   | : Rinse mouth. Do not induce vomiting. Call a physician immediately.                                                                                 |
| Self protection of the first-aider   | : First aid workers will be equipped with suitable personal protective equipment.                                                                    |

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

|                                     |                                 |
|-------------------------------------|---------------------------------|
| Symptoms/effects after inhalation   | : None under normal conditions. |
| Symptoms/effects after skin contact | : Burns.                        |
| Symptoms/effects after eye contact  | : Serious damage to eyes.       |
| Symptoms/effects after ingestion    | : Burns.                        |

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

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

|                                |                                                  |
|--------------------------------|--------------------------------------------------|
| Suitable extinguishing media   | : Water spray. Dry powder. Foam. Carbon dioxide. |
| Unsuitable extinguishing media | : Do not use a heavy water stream.               |

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

|                                                  |                                |
|--------------------------------------------------|--------------------------------|
| Fire hazard                                      | : No fire hazard.              |
| Explosion hazard                                 | : No direct explosion hazard.  |
| Hazardous decomposition products in case of fire | : Toxic fumes may be released. |

### 5.3. Advice for firefighters

|                                |                                                                                                                                                       |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Firefighting instructions      | : Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection. |
| Protection during firefighting | : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.              |

## SECTION 6: Accidental release measures

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

|                  |                                                                                                                                         |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| General measures | : Stop leak if safe to do so. Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material damage. |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------|

#### For non-emergency personnel

|                      |                                                                                                               |
|----------------------|---------------------------------------------------------------------------------------------------------------|
| Protective equipment | : Wear recommended personal protective equipment.                                                             |
| Emergency procedures | : Ventilate spillage area. Avoid contact with skin and eyes. Do not breathe dust/fume/gas/mist/vapours/spray. |

#### For emergency responders

|                      |                                                                                                                                                             |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Protective equipment | : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection". |
| Emergency procedures | : Evacuate unnecessary personnel. Stop leak if safe to do so.                                                                                               |

### 6.2. Environmental precautions

Avoid release to the environment.

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

|                         |                                                                                                                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| For containment         | : Absorb spilled material with sand or earth. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak without risks if possible. |
| Methods for cleaning up | : Take up liquid spill into absorbent material.                                                                                                                                       |
| Other information       | : Dispose of materials or solid residues at an authorized site.                                                                                                                       |

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### 6.4. Reference to other sections

For further information refer to section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

|                                   |                                                                                                                                                                       |
|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Additional hazards when processed | : Not expected to present a significant hazard under anticipated conditions of normal use.                                                                            |
| Precautions for safe handling     | : Ensure good ventilation of the work station. Avoid contact with skin and eyes. Do not breathe dust/fume/gas/mist/vapours/spray. Wear personal protective equipment. |
| Hygiene measures                  | : Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.                          |

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

|                            |                                                                             |
|----------------------------|-----------------------------------------------------------------------------|
| Technical measures         | : Keep in a cool, well-ventilated place away from heat.                     |
| Storage conditions         | : Store locked up.                                                          |
| Incompatible products      | : Oxidizing agent. Strong bases. Strong acids.                              |
| Special rules on packaging | : Store in a closed container. Keep only in original container.             |
| Packaging materials        | : Store always product in container of same material as original container. |

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

No additional information available

### 8.2. Exposure controls

#### Appropriate engineering controls

##### Appropriate engineering controls:

Ensure good ventilation of the work station.

#### Personal protection equipment

##### Personal protective equipment:

Wear recommended personal protective equipment.

##### Personal protective equipment symbol(s):



#### Eye and face protection

##### Eye protection:

Use eye protection according to EN 166. Safety glasses

#### Skin protection

##### Skin and body protection:

Wear suitable protective clothing

##### Hand protection:

Wear protective gloves. Chemical resistant gloves (according to European standard ISO 374-1 or equivalent)

#### Respiratory protection

##### Respiratory protection:

Not required under normal conditions of use.

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### Environmental exposure controls

#### Environmental exposure controls:

Avoid release to the environment.

#### Other information:

A risk assessment should be carried out prior to use to determine the exposure risk to the chemical. Specific work environments and material handling practices may vary; therefore, safety procedures should be developed and PPE selected for each intended application. Consultation with PPE supplier/manufacturer will help determine suitability as protection time cannot be accurately estimated for mixtures (such as glove breakthrough time). PPE should be worn to prevent any contact with the chemical. Any contaminated clothing should be washed prior to re-use.

## SECTION 9: Physical and chemical properties

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

|                                                 |                  |
|-------------------------------------------------|------------------|
| Physical state                                  | : Liquid         |
| Colour                                          | : Blue.          |
| Odour                                           | : Glycol ether.  |
| Odour threshold                                 | : Not available  |
| Melting point                                   | : Not applicable |
| Freezing point                                  | : Not available  |
| Boiling point                                   | : Not available  |
| Flammability                                    | : Non flammable. |
| Lower explosion limit                           | : Not available  |
| Upper explosion limit                           | : Not available  |
| Flash point                                     | : > 70 °C        |
| Auto-ignition temperature                       | : Not available  |
| Decomposition temperature                       | : Not available  |
| pH                                              | : > 11.5         |
| Viscosity, kinematic                            | : Not available  |
| Solubility                                      | : Not available  |
| Partition coefficient n-octanol/water (Log Kow) | : Not available  |
| Vapour pressure                                 | : Not available  |
| Vapour pressure at 50°C                         | : Not available  |
| Density                                         | : 1.01 – 1.03    |
| Relative density                                | : Not available  |
| Relative vapour density at 20°C                 | : Not available  |
| Particle characteristics                        | : Not applicable |

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

### 10.5. Incompatible materials

No additional information available

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### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity (oral) : Not classified  
Acute toxicity (dermal) : Not classified  
Acute toxicity (inhalation) : Not classified

#### disodium metasilicate (6834-92-0)

|                       |                                                                                            |
|-----------------------|--------------------------------------------------------------------------------------------|
| LD50 dermal rat       | > 5000 mg/kg bodyweight Animal: rat, Guideline: EPA OPPTS 870.1200 (Acute Dermal Toxicity) |
| LC50 Inhalation - Rat | > 2.06 mg/l air Animal: rat, Guideline: EPA OPPTS 870.1300 (Acute inhalation toxicity)     |

#### 2-butoxyethanol (111-76-2)

|           |                                                                                                                    |
|-----------|--------------------------------------------------------------------------------------------------------------------|
| LD50 oral | 1414 mg/kg bodyweight Animal: guinea pig, Guideline: OECD Guideline 401 (Acute Oral Toxicity), 95% CL: 1020 - 1961 |
|-----------|--------------------------------------------------------------------------------------------------------------------|

#### Sodium (xylenes and 4-ethylbenzene)sulfonates (1300-72-7)

|                    |                                                                                                             |
|--------------------|-------------------------------------------------------------------------------------------------------------|
| LD50 oral rat      | ≥ 3346 mg/kg bodyweight Animal: rat, Guideline: EPA OTS 798.1175 (Acute Oral Toxicity), 95% CL: 3196 - 3503 |
| LD50 dermal rabbit | ≥ 2000 mg/kg bodyweight Animal: rabbit, Guideline: EPA OTS 798.1100 (Acute Dermal Toxicity)                 |

Skin corrosion/irritation : Causes severe skin burns.  
pH: > 11.5  
Serious eye damage/irritation : Causes serious eye damage.  
pH: > 11.5  
Respiratory or skin sensitisation : Not classified  
Germ cell mutagenicity : Not classified  
Carcinogenicity : Not classified

#### Sodium (xylenes and 4-ethylbenzene)sulfonates (1300-72-7)

|                                               |                                                                                                                                            |
|-----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| NOAEL (chronic, oral, animal/female, 2 years) | ≥ 60 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 453 (Combined Chronic Toxicity / Carcinogenicity Studies) |
|-----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|

Reproductive toxicity : Not classified

#### disodium metasilicate (6834-92-0)

|                             |                                                        |
|-----------------------------|--------------------------------------------------------|
| NOAEL (animal/female, F0/P) | > 159 mg/kg bodyweight Animal: rat, Animal sex: female |
|-----------------------------|--------------------------------------------------------|

STOT-single exposure : Not classified

#### disodium metasilicate (6834-92-0)

|                      |                                   |
|----------------------|-----------------------------------|
| STOT-single exposure | May cause respiratory irritation. |
|----------------------|-----------------------------------|

STOT-repeated exposure : Not classified

#### disodium metasilicate (6834-92-0)

|                            |                                                                                                                       |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------|
| NOAEL (oral, rat, 90 days) | 227 – 237 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents) |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------|

#### 2-butoxyethanol (111-76-2)

|                                     |                                                                                                                 |
|-------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| NOAEL (dermal, rat/rabbit, 90 days) | > 150 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 411 (Subchronic Dermal Toxicity: 90-Day Study) |
| STOT-repeated exposure              | May cause damage to organs through prolonged or repeated exposure.                                              |

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### Sodium (xylenes and 4-ethylbenzene)sulfonates (1300-72-7)

|                            |                                                                                                                        |
|----------------------------|------------------------------------------------------------------------------------------------------------------------|
| NOAEL (oral, rat, 90 days) | 1000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 407 (Repeated Dose 28-Day Oral Toxicity Study in Rodents) |
|----------------------------|------------------------------------------------------------------------------------------------------------------------|

Aspiration hazard : Not classified

### 11.2. Information on other hazards

No additional information available

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : Before neutralisation, the product may represent a danger to aquatic organisms.  
Hazardous to the aquatic environment, short-term (acute) : Not classified  
Hazardous to the aquatic environment, long-term (chronic) : Not classified

### disodium metasilicate (6834-92-0)

|                      |                                                                                                     |
|----------------------|-----------------------------------------------------------------------------------------------------|
| EC50 - Crustacea [1] | 1700 mg/l Test organisms (species): Daphnia magna                                                   |
| EC50 72h - Algae [1] | 207 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus) |

### 2-butoxyethanol (111-76-2)

|                      |                                                                                          |
|----------------------|------------------------------------------------------------------------------------------|
| LC50 - Fish [1]      | 1474 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri) |
| EC50 - Crustacea [1] | ≈ 1800 mg/l Test organisms (species): Daphnia magna                                      |
| NOEC (chronic)       | 100 mg/l Test organisms (species): Daphnia magna Duration: '21 d'                        |
| NOEC chronic fish    | ≥ 100 mg/l Test organisms (species): Oryzias latipes Duration: '14 d'                    |

### Sodium (xylenes and 4-ethylbenzene)sulfonates (1300-72-7)

|                      |                                                                                                                                            |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| LC50 - Fish [1]      | ≥ 1580 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)                                                 |
| EC50 - Crustacea [1] | > 1020 mg/l Test organisms (species): Daphnia magna                                                                                        |
| EC50 96h - Algae [1] | ≥ 758 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum) |

### 12.2. Persistence and degradability

#### Cleanline Degreaser

|                               |                    |
|-------------------------------|--------------------|
| Persistence and degradability | Rapidly degradable |
|-------------------------------|--------------------|

#### disodium metasilicate (6834-92-0)

|                               |                        |
|-------------------------------|------------------------|
| Persistence and degradability | Not rapidly degradable |
|-------------------------------|------------------------|

#### 2-butoxyethanol (111-76-2)

|                               |                        |
|-------------------------------|------------------------|
| Persistence and degradability | Not rapidly degradable |
|-------------------------------|------------------------|

#### Sodium (xylenes and 4-ethylbenzene)sulfonates (1300-72-7)

|                               |                        |
|-------------------------------|------------------------|
| Persistence and degradability | Not rapidly degradable |
|-------------------------------|------------------------|

### 12.3. Bioaccumulative potential

No additional information available

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### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Endocrine disrupting properties

No additional information available

### 12.7. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

|                                            |                                                                                                                                                                                                                                               |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Regional waste regulation                  | : Disposal must be done according to official regulations.                                                                                                                                                                                    |
| Waste treatment methods                    | : Dispose of contents/container in accordance with licensed collector's sorting instructions.                                                                                                                                                 |
| Sewage disposal recommendations            | : Disposal must be done according to official regulations.                                                                                                                                                                                    |
| Product/Packaging disposal recommendations | : Wash packaging with a suitable cleaner (water) before recycling. Otherwise dispose of as contaminated packaging. Always dispose of packaging in accordance with local regulations. Disposal must be done according to official regulations. |
| Additional information                     | : Do not re-use empty containers.                                                                                                                                                                                                             |
| European List of Waste (LoW, EC 2000/532)  | : 20 01 29* - detergents containing dangerous substances<br>15 01 10* - packaging containing residues of or contaminated by dangerous substances                                                                                              |

## SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

| ADR                                                                                 | IMDG                                                                                | IATA                                                                                | ADN                                                                                   | RID                                                                                   |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| <b>14.1. UN number or ID number</b>                                                 |                                                                                     |                                                                                     |                                                                                       |                                                                                       |
| UN 1760                                                                             | UN 1760                                                                             | UN 1760                                                                             | UN 1760                                                                               | UN 1760                                                                               |
| <b>14.2. UN proper shipping name</b>                                                |                                                                                     |                                                                                     |                                                                                       |                                                                                       |
| CORROSIVE LIQUID, N.O.S. (disodium metasilicate)                                    | CORROSIVE LIQUID, N.O.S. (disodium metasilicate)                                    | Corrosive liquid, n.o.s. (disodium metasilicate)                                    | CORROSIVE LIQUID, N.O.S. (disodium metasilicate)                                      | CORROSIVE LIQUID, N.O.S. (disodium metasilicate)                                      |
| <b>Transport document description</b>                                               |                                                                                     |                                                                                     |                                                                                       |                                                                                       |
| UN 1760 CORROSIVE LIQUID, N.O.S. (disodium metasilicate), 8, III, (E)               | UN 1760 CORROSIVE LIQUID, N.O.S. (disodium metasilicate), 8, III                    | UN 1760 Corrosive liquid, n.o.s. (disodium metasilicate), 8, III                    | UN 1760 CORROSIVE LIQUID, N.O.S. (disodium metasilicate), 8, III                      | UN 1760 CORROSIVE LIQUID, N.O.S. (disodium metasilicate), 8, III                      |
| <b>14.3. Transport hazard class(es)</b>                                             |                                                                                     |                                                                                     |                                                                                       |                                                                                       |
| 8                                                                                   | 8                                                                                   | 8                                                                                   | 8                                                                                     | 8                                                                                     |
|  |  |  |  |  |
| <b>14.4. Packing group</b>                                                          |                                                                                     |                                                                                     |                                                                                       |                                                                                       |
| III                                                                                 | III                                                                                 | III                                                                                 | III                                                                                   | III                                                                                   |

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| ADR                                    | IMDG                                                                                                        | IATA                              | ADN                               | RID                               |
|----------------------------------------|-------------------------------------------------------------------------------------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|
| <b>14.5. Environmental hazards</b>     |                                                                                                             |                                   |                                   |                                   |
| Dangerous for the environment: No      | Dangerous for the environment: No<br>Marine pollutant: No<br>EmS-No. (Fire): F-A<br>EmS-No. (Spillage): S-B | Dangerous for the environment: No | Dangerous for the environment: No | Dangerous for the environment: No |
| No supplementary information available |                                                                                                             |                                   |                                   |                                   |

## 14.6. Special precautions for user

### Overland transport

|                                                           |                                                                                       |
|-----------------------------------------------------------|---------------------------------------------------------------------------------------|
| Classification code (ADR)                                 | : C9                                                                                  |
| Special provisions (ADR)                                  | : 274                                                                                 |
| Limited quantities (ADR)                                  | : 5I                                                                                  |
| Excepted quantities (ADR)                                 | : E1                                                                                  |
| Packing instructions (ADR)                                | : P001, IBC03, LP01, R001                                                             |
| Mixed packing provisions (ADR)                            | : MP19                                                                                |
| Portable tank and bulk container instructions (ADR)       | : T7                                                                                  |
| Portable tank and bulk container special provisions (ADR) | : TP1, TP28                                                                           |
| Tank code (ADR)                                           | : L4BN                                                                                |
| Vehicle for tank carriage                                 | : AT                                                                                  |
| Transport category (ADR)                                  | : 3                                                                                   |
| Special provisions for carriage - Packages (ADR)          | : V12                                                                                 |
| Hazard identification number (Kemler No.)                 | : 80                                                                                  |
| Orange plates                                             | :  |
| Tunnel restriction code (ADR)                             | : E                                                                                   |
| EAC code                                                  | : 2X                                                                                  |
| APP code                                                  | : B                                                                                   |

### Transport by sea

|                                    |                                                    |
|------------------------------------|----------------------------------------------------|
| Special provisions (IMDG)          | : 223, 274                                         |
| Packing instructions (IMDG)        | : P001, LP01                                       |
| IBC packing instructions (IMDG)    | : IBC03                                            |
| Tank instructions (IMDG)           | : T7                                               |
| Tank special provisions (IMDG)     | : TP1, TP28                                        |
| Stowage category (IMDG)            | : A                                                |
| Stowage and handling (IMDG)        | : SW2                                              |
| Properties and observations (IMDG) | : Causes burns to skin, eyes and mucous membranes. |

### Air transport

|                                              |            |
|----------------------------------------------|------------|
| PCA Excepted quantities (IATA)               | : E1       |
| PCA Limited quantities (IATA)                | : Y841     |
| PCA limited quantity max net quantity (IATA) | : 1L       |
| PCA packing instructions (IATA)              | : 852      |
| PCA max net quantity (IATA)                  | : 5L       |
| CAO packing instructions (IATA)              | : 856      |
| CAO max net quantity (IATA)                  | : 60L      |
| Special provisions (IATA)                    | : A3, A803 |
| ERG code (IATA)                              | : 8L       |

### Inland waterway transport

|                           |       |
|---------------------------|-------|
| Classification code (ADN) | : C9  |
| Special provisions (ADN)  | : 274 |
| Limited quantities (ADN)  | : 5 L |
| Excepted quantities (ADN) | : E1  |

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|                                                           |                           |
|-----------------------------------------------------------|---------------------------|
| Equipment required (ADN)                                  | : PP, EP                  |
| Number of blue cones/lights (ADN)                         | : 0                       |
| <b>Rail transport</b>                                     |                           |
| Classification code (RID)                                 | : C9                      |
| Special provisions (RID)                                  | : 274                     |
| Limited quantities (RID)                                  | : 5L                      |
| Excepted quantities (RID)                                 | : E1                      |
| Packing instructions (RID)                                | : P001, IBC03, LP01, R001 |
| Mixed packing provisions (RID)                            | : MP19                    |
| Portable tank and bulk container instructions (RID)       | : T7                      |
| Portable tank and bulk container special provisions (RID) | : TP1, TP28               |
| Tank codes for RID tanks (RID)                            | : L4BN                    |
| Transport category (RID)                                  | : 3                       |
| Special provisions for carriage – Packages (RID)          | : W12                     |
| Colis express (express parcels) (RID)                     | : CE8                     |
| Hazard identification number (RID)                        | : 80                      |

### 14.7. Maritime transport in bulk according to IMO instruments

Not applicable

## SECTION 15: Regulatory information

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

#### EU-Regulations

##### REACH Annex XVII (Restriction List)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

##### REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

##### REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

##### PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

##### POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

##### Ozone Regulation (2024/590)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 2024/590 on substances that deplete the ozone layer)

##### Council Regulation (EC) for the control of dual-use items

Contains no substance subject to the COUNCIL REGULATION (EC) for the control of dual-use items

##### Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

##### Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

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### SECTION 16: Other information

#### Abbreviations and acronyms:

|         |                                                                                                 |
|---------|-------------------------------------------------------------------------------------------------|
| ACGIH   | American Conference of Government Industrial Hygienists                                         |
| ADN     | European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways |
| ADR     | European Agreement concerning the International Carriage of Dangerous Goods by Road             |
| ATE     | Acute Toxicity Estimate                                                                         |
| BCF     | Bioconcentration factor                                                                         |
| BLV     | Biological limit value                                                                          |
| BOD     | Biochemical oxygen demand (BOD)                                                                 |
| CAS-No. | Chemical Abstract Service number                                                                |
| CLP     | Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008                     |
| COD     | Chemical oxygen demand (COD)                                                                    |
| CSA     | Chemical safety assessment                                                                      |
| DMEL    | Derived Minimal Effect level                                                                    |
| DNEL    | Derived-No Effect Level                                                                         |
| EC-No.  | European Community number                                                                       |
| EC50    | Median effective concentration                                                                  |
| ED      | Endocrine disruptor                                                                             |
| EN      | European Standard                                                                               |
| EWC     | European waste catalogue                                                                        |
| IARC    | International Agency for Research on Cancer                                                     |
| IATA    | International Air Transport Association                                                         |
| IMDG    | International Maritime Dangerous Goods                                                          |
| LC50    | Median lethal concentration                                                                     |
| LD50    | Median lethal dose                                                                              |
| LOAEL   | Lowest Observed Adverse Effect Level                                                            |
| Log Kow | Partition coefficient n-octanol/water (Log Kow)                                                 |
| Log Pow | Partition coefficient n-octanol/water (Log Pow)                                                 |
| MAK     | maximum workplace concentration                                                                 |
| NOAEC   | No-Observed Adverse Effect Concentration                                                        |
| NOAEL   | No-Observed Adverse Effect Level                                                                |
| NOEC    | No-Observed Effect Concentration                                                                |
| N.O.S.  | Not Otherwise Specified                                                                         |
| OECD    | Organisation for Economic Co-operation and Development                                          |
| OEL     | Occupational Exposure Limit                                                                     |
| OSHA    | Occupational Safety Health Administration                                                       |
| PBT     | Persistent Bioaccumulative Toxic                                                                |
| PNEC    | Predicted No-Effect Concentration                                                               |
| PPE     | Personal protection equipment                                                                   |

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| Abbreviations and acronyms: |                                                                              |
|-----------------------------|------------------------------------------------------------------------------|
| RID                         | Regulations concerning the International Carriage of Dangerous Goods by Rail |
| SDS                         | Safety Data Sheet                                                            |
| STP                         | Sewage treatment plant                                                       |
| TF                          | Technical function                                                           |
| ThOD                        | Theoretical oxygen demand (ThOD)                                             |
| TLM                         | Median Tolerance Limit                                                       |
| TWA                         | Time Weighted Average                                                        |
| VOC                         | Volatile Organic Compounds                                                   |
| vPvB                        | Very Persistent and Very Bioaccumulative                                     |
| UFI                         | Unique Formula Identifier                                                    |

| Full text of H- and EUH-statements: |                                                                                            |
|-------------------------------------|--------------------------------------------------------------------------------------------|
| Acute Tox. 3 (Inhalation)           | Acute toxicity (inhal.), Category 3                                                        |
| Acute Tox. 4 (Dermal)               | Acute toxicity (dermal), Category 4                                                        |
| Acute Tox. 4 (Oral)                 | Acute toxicity (oral), Category 4                                                          |
| Eye Irrit. 2                        | Serious eye damage/eye irritation, Category 2                                              |
| Skin Corr. 1B                       | Skin corrosion/irritation, Category 1, Sub-Category 1B                                     |
| Skin Irrit. 2                       | Skin corrosion/irritation, Category 2                                                      |
| STOT RE 2                           | Specific target organ toxicity – Repeated exposure, Category 2                             |
| STOT SE 3                           | Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation |
| 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.                                                             |
| H331                                | Toxic if inhaled.                                                                          |
| H335                                | May cause respiratory irritation.                                                          |
| H373                                | May cause damage to organs through prolonged or repeated exposure.                         |

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.