

**SOLID CLEAR DRY CLEAN****Section: 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING****1.1 Product identifier**

Product name : SOLID CLEAR DRY CLEAN

Product code : 114972E

Use of the  
Substance/Mixture : Rinse Additive

Substance type: : Mixture

**For professional users only.**

Product dilution information : 0.01 % - 0.02 %

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

Identified uses : Dishwash and rinse aid product; Automatic process

Recommended restrictions  
on use : Reserved for industrial and professional use.**1.3 Details of the supplier of the safety data sheet**Company : Ecolab Ltd.  
PO Box 11; Winnington Avenue  
Northwich, Cheshire, United Kingdom CW8 4DX  
+ 44 (0)1606 74488  
ccs@ecolab.com**1.4 Emergency telephone number**Emergency telephone  
number : Food & Beverage, Institutional, Agriculture, Textile Hygiene:  
Northwich: +44 (0)1606 74488  
Healthcare:  
Leeds: +44 (0)113 232 2480  
Swansea: +44 (0)1252 717616Poison Information Centre  
telephone number : Not AvailableDate of Compilation/Revision : 10.03.2014  
Version : 1.3**Section: 2. HAZARDS IDENTIFICATION****2.1 Classification of the substance or mixture****Classification (REGULATION (EC) No 1272/2008)****Product AS SOLD**

Eye irritation , Category 2

H319

**Product AT USE DILUTION**

**SOLID CLEAR DRY CLEAN**

Not a hazardous substance or mixture.

**Classification (67/548/EEC, 1999/45/EC)****Product AS SOLD**

Xi; IRRITANT

R36

**Product AT USE DILUTION**

The product does not need to be labelled in accordance with EC directives or respective national laws.

For the full text of the R-phrases mentioned in this Section, see Section 16.

For the full text of the H-Statements mentioned in this Section, see Section 16.

**2.2 Label elements****Labelling (REGULATION (EC) No 1272/2008)****Product AS SOLD**

Hazard pictograms

:



Signal Word

: Warning

Hazard Statements

: H319

Causes serious eye irritation.

**Product AT USE DILUTION**

Not a hazardous substance or mixture.

**2.3 Other hazards****Product AS SOLD**

None known.

**Section: 3. COMPOSITION/INFORMATION ON INGREDIENTS****3.2 Mixtures****Product AS SOLD****Hazardous components**

| Chemical Name                    | CAS-No.<br>EC-No.<br>REACH No.           | Classification<br>(67/548/EEC) | Classification<br>(REGULATION (EC) No<br>1272/2008)                                                                             | Concentration:<br>[%] |
|----------------------------------|------------------------------------------|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| urea                             | 57-13-6<br>200-315-5<br>01-2119463277-33 | Xi; R36                        | Eye irritationCategory 2; H319                                                                                                  | >= 30 - < 60          |
| alcohols, c10-16,<br>ethoxylated | 68002-97-1<br>500-182-6                  | N-Xi; R22-<br>R38-R41-R50      | Acute toxicityCategory 4;<br>H302<br>Skin irritationCategory 2;<br>H315<br>Serious eye damage/eye<br>irritationCategory 1; H318 | >= 10 - < 30          |

**SOLID CLEAR DRY CLEAN**

|                                                                                                                           |            |                                     |                                                                                                                                                                                                                                                                   |       |
|---------------------------------------------------------------------------------------------------------------------------|------------|-------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
|                                                                                                                           |            |                                     | Acute aquatic toxicityCategory 1; H400                                                                                                                                                                                                                            |       |
| mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] | 55965-84-9 | C-N-T;<br>R23/24/25-<br>R34-R43-R50 | Acute toxicityCategory 3; H301<br>Acute toxicityCategory 1; H330<br>Acute toxicityCategory 3; H311<br>Skin corrosionCategory 1B; H314<br>Skin sensitizationCategory 1; H317<br>Acute aquatic toxicityCategory 1; H400<br>Chronic aquatic toxicityCategory 1; H410 | < 0.1 |

**Product AT USE DILUTION**

Remarks : No hazardous ingredients

For the full text of the R-phrases mentioned in this Section, see Section 16.

For the full text of the H-Statements mentioned in this Section, see Section 16.

**Section: 4. FIRST AID MEASURES****4.1 Description of first aid measures****Product AS SOLD**

In case of eye contact : Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention.

In case of skin contact : Wash off immediately with plenty of water for at least 15 minutes. Use a mild soap if available. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.

Get medical attention if symptoms occur. Rinse with plenty of water.

If swallowed : Rinse mouth. Get medical attention if symptoms occur.

If inhaled : Get medical attention if symptoms occur.

**Product AT USE DILUTION**

In case of eye contact : Rinse with plenty of water.

In case of skin contact : Rinse with plenty of water.

If swallowed : Rinse mouth. Get medical attention if symptoms occur.

If inhaled : Get medical attention if symptoms occur.

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

See Section 11 for more detailed information on health effects and symptoms.

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

**SOLID CLEAR DRY CLEAN**

Treatment : Treat symptomatically.

**Section: 5. FIREFIGHTING MEASURES**

**Product AS SOLD**

**5.1 Extinguishing media**

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media : None known.

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

Specific hazards during firefighting. : Not flammable or combustible.

Hazardous combustion products : Carbon oxides  
nitrogen oxides (NOx)

**5.3 Advice for firefighters**

Special protective equipment for firefighters : Use personal protective equipment

Further information : Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. In the event of fire and/or explosion do not breathe fumes.

**Section: 6. ACCIDENTAL RELEASE MEASURES**

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

**Product AS SOLD**

Advice for non-emergency personnel : Ensure adequate ventilation. Keep people away from and upwind of spill/leak. Avoid inhalation, ingestion and contact with skin and eyes. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Ensure clean-up is conducted by trained personnel only. Refer to protective measures listed in sections 7 and 8.

Advice for emergency responders : If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials.

**Product AT USE DILUTION**

Advice for non-emergency personnel : Refer to protective measures listed in sections 7 and 8.

Advice for emergency responders : If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials.

**6.2 Environmental precautions**

**SOLID CLEAR DRY CLEAN**

**Product AS SOLD**

Environmental precautions : Do not allow contact with soil, surface or ground water.

**Product AT USE DILUTION**

Environmental precautions : No special environmental precautions required.

**6.3 Methods and materials for containment and cleaning up**

**Product AS SOLD**

Methods for cleaning up : Stop leak if safe to do so. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). Flush away traces with water. For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway.

**Product AT USE DILUTION**

Methods for cleaning up : Stop leak if safe to do so. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). Flush away traces with water. For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway.

**6.4 Reference to other sections**

See Section 1 for emergency contact information.

For personal protection see section 8.

See Section 13 for additional waste treatment information.

**Section: 7. HANDLING AND STORAGE**

**7.1 Precautions for safe handling**

**Product AS SOLD**

Advice on safe handling : Avoid contact with skin and eyes. Do not ingest. Do not breathe dust/fume/gas/mist/vapours/spray. Do not get in eyes, on skin, or on clothing. Wash hands thoroughly after handling. Use only with adequate ventilation.

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. Remove and wash contaminated clothing before re-use. Wash face, hands and any exposed skin thoroughly after handling.

**Product AT USE DILUTION**

Advice on safe handling : For personal protection see section 8. Wash hands after handling.

Hygiene measures : Wash hands before breaks and immediately after handling the product.

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

**Product AS SOLD**

Requirements for storage areas and containers : Keep out of reach of children. Keep container tightly closed. Store in suitable labeled containers.

**SOLID CLEAR DRY CLEAN**

Storage temperature : 0 °C to 50 °C

**Product AT USE DILUTION**

Requirements for storage areas and containers : Keep out of reach of children. Keep container tightly closed. Store in suitable labeled containers.

**7.3 Specific end uses**

**Product AS SOLD**

Specific use(s) : Dishwash and rinse aid product; Automatic process

**Section: 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**8.1 Control parameters**

**Product AS SOLD**

**Occupational Exposure Limits**

Contains no substances with occupational exposure limit values.

**8.2 Exposure controls**

**Product AS SOLD**

**Appropriate engineering controls**

Engineering measures : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

**Individual protection measures**

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. Remove and wash contaminated clothing before re-use. Wash face, hands and any exposed skin thoroughly after handling.

Eye/face protection (EN 166) : No special protective equipment required.

Skin and body protection (EN 14605) : No special protective equipment required.

Respiratory protection (EN 143, 14387) : No personal respiratory protective equipment normally required.

**Product AT USE DILUTION**

**Appropriate engineering controls**

Engineering measures : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

**Individual protection measures**

Hygiene measures : Wash hands before breaks and immediately after handling the product.

Eye/face protection (EN 166) : No special protective equipment required.

Hand protection (EN 374) : No special protective equipment required.

**SOLID CLEAR DRY CLEAN**

Skin and body protection (EN 14605) : No special protective equipment required.

Respiratory protection (EN 143, 14387) : No personal respiratory protective equipment normally required.

**Environmental exposure controls**

General advice : Consider the provision of containment around storage vessels.

**Section: 9. PHYSICAL AND CHEMICAL PROPERTIES****9.1 Information on basic physical and chemical properties**

|                                         | <b>Product AS SOLD</b>                                     | <b>Product AT USE DILUTION</b> |
|-----------------------------------------|------------------------------------------------------------|--------------------------------|
| Appearance                              | : Extruded solid.                                          | liquid                         |
| Colour                                  | : clear, dark green                                        | light green                    |
| Odour                                   | : odourless                                                |                                |
| pH                                      | : 4.5 - 7.0, 1 %                                           | 5.8 - 6.1                      |
| Flash point                             | : Not applicable., Does not sustain combustion.            |                                |
| Odour Threshold                         | : no data available                                        |                                |
| Melting point/freezing point            | : no data available                                        |                                |
| Initial boiling point and boiling range | : no data available                                        |                                |
| Evaporation rate                        | : no data available                                        |                                |
| Flammability (solid, gas)               | : no data available                                        |                                |
| Upper explosion limit                   | : no data available                                        |                                |
| Lower explosion limit                   | : no data available                                        |                                |
| Vapour pressure                         | : no data available                                        |                                |
| Relative vapour density                 | : no data available                                        |                                |
| Relative density                        | : 1.0 - 1.2                                                |                                |
| Water solubility                        | : soluble                                                  |                                |
| Solubility in other solvents            | : no data available                                        |                                |
| Partition coefficient: n-octanol/water  | : no data available                                        |                                |
| Auto-ignition temperature               | : no data available                                        |                                |
| Thermal decomposition                   | : no data available                                        |                                |
| Viscosity, kinematic                    | : no data available                                        |                                |
| Explosive properties                    | : no data available                                        |                                |
| Oxidizing properties                    | : The substance or mixture is not classified as oxidizing. |                                |

**9.2 Other information**

no data available

**Section: 10. STABILITY AND REACTIVITY****Product AS SOLD**

**SOLID CLEAR DRY CLEAN**

**10.1 Reactivity**

No dangerous reaction known under conditions of normal use.

**10.2 Chemical stability**

Stable under normal conditions.

**10.3 Possibility of hazardous reactions**

No dangerous reaction known under conditions of normal use.

**10.4 Conditions to avoid**

None known.

**10.5 Incompatible materials**

None known.

**10.6 Hazardous decomposition products**

Carbon oxides  
nitrogen oxides (NO<sub>x</sub>)

**Section: 11. TOXICOLOGICAL INFORMATION**

**11.1 Information on toxicological effects**

**Product AS SOLD**

Information on likely routes of exposure : Eye contact, Skin contact

**Toxicity**

|                                   |                                                                     |
|-----------------------------------|---------------------------------------------------------------------|
| Acute oral toxicity               | : Acute toxicity estimate : > 2,000 mg/kg                           |
| Acute inhalation toxicity         | : Based on available data, the classification criteria are not met. |
| Acute dermal toxicity             | : Based on available data, the classification criteria are not met. |
| Skin corrosion/irritation         | : Based on available data, the classification criteria are not met. |
| Serious eye damage/eye irritation | : Based on available data, the classification criteria are not met. |
| Respiratory or skin sensitization | : Based on available data, the classification criteria are not met. |
| Carcinogenicity                   | : Based on available data, the classification criteria are not met. |
| Reproductive effects              | : Based on available data, the classification criteria are not met. |
| Germ cell mutagenicity            | : Based on available data, the classification criteria are not met. |
| Teratogenicity                    | : Based on available data, the classification criteria are not met. |

**SOLID CLEAR DRY CLEAN**

STOT - single exposure : Based on available data, the classification criteria are not met.

STOT - repeated exposure : Based on available data, the classification criteria are not met.

Aspiration toxicity : Based on available data, the classification criteria are not met.

**Components**

Acute oral toxicity : urea  
LD50 rat: 8,471 mg/kg

alcohols, c10-16, ethoxylated  
LD50 rat: > 1,000 mg/kg

mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6]  
LD50 rat: 457 mg/kg

Acute inhalation toxicity : urea  
4 h LC50 rat: > 2.71 mg/l

alcohols, c10-16, ethoxylated  
4 h LC50 rat: > 50 mg/l

mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6]  
4 h LC50 rat: 0.33 mg/l

Acute dermal toxicity : urea  
LD50 rat: 8,200 mg/kg

alcohols, c10-16, ethoxylated  
LD50 rat: > 2,000 mg/kg

mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6]  
LD50 rabbit: 660 mg/kg

**Potential Health Effects**

**Product AS SOLD**

Eyes : Causes serious eye irritation.

Skin : May cause allergic skin reaction.

Ingestion : Health injuries are not known or expected under normal use.

Inhalation : Health injuries are not known or expected under normal use.

Chronic Exposure : Health injuries are not known or expected under normal use.

**Product AT USE DILUTION**

Eyes : Health injuries are not known or expected under normal use.

Skin : Health injuries are not known or expected under normal use.

Ingestion : Health injuries are not known or expected under normal use.

Inhalation : Health injuries are not known or expected under normal use.

**SOLID CLEAR DRY CLEAN**

Chronic Exposure : Health injuries are not known or expected under normal use.

**Experience with human exposure**

**Product AS SOLD**

Eye contact : Redness, Pain, Irritation

Skin contact : Redness, Irritation, slight irritation, Allergic reactions

Ingestion : No information available.

Inhalation : No symptoms known or expected

**Product AT USE DILUTION**

Eye contact : No symptoms known or expected

Skin contact : No symptoms known or expected

Ingestion : No symptoms known or expected

Inhalation : No symptoms known or expected

**Section: 12. ECOLOGICAL INFORMATION**

**Product AS SOLD**

**12.1 Ecotoxicity**

Environmental Effects : This product has no known ecotoxicological effects.

**Product**

Toxicity to fish : no data available

Toxicity to daphnia and other aquatic invertebrates. : no data available

Toxicity to algae : no data available

**Components**

Toxicity to fish : urea  
96 h LC50 Fish : 127.9 mg/l

**Components**

Toxicity to daphnia and other aquatic invertebrates. : alcohols, c10-16, ethoxylated  
48 h EC50 Daphnia: > 0.1 mg/l

mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6]  
48 h EC50 Daphnia: 0.16 mg/l

**12.2 Persistence and degradability**

no data available

**12.3 Bioaccumulative potential**

no data available

**SOLID CLEAR DRY CLEAN**

**12.4 Mobility in soil**

no data available

**12.5 Results of PBT and vPvB assessment**

**Product**

Assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

**12.6 Other adverse effects**

no data available

**Section: 13. DISPOSAL CONSIDERATIONS**

Dispose of in accordance with the European Directives on waste and hazardous waste. Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities.

**13.1 Waste treatment methods**

**Product AS SOLD**

Product : The product should not be allowed to enter drains, water courses or the soil. Where possible recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of in compliance with local regulations. Dispose of wastes in an approved waste disposal facility.

Contaminated packaging : Dispose of as unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers.

European Waste Catalogue : 200130 - detergents other than those mentioned in 20 01 29

**Product AT USE DILUTION**

Product : Where possible recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of in compliance with local regulations. Dispose of wastes in an approved waste disposal facility.

Contaminated packaging : Dispose of as unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers.

**Section: 14. TRANSPORT INFORMATION**

**Product AS SOLD**

The shipper/consignor/sender is responsible to ensure that the packaging, labeling, and markings are in compliance with the selected mode of transport.

**Land transport (ADR/ADN/RID)**

14.1 UN number : Not dangerous goods

**SOLID CLEAR DRY CLEAN**

14.2 UN proper shipping name : Not dangerous goods  
14.3 Transport hazard class(es) : Not dangerous goods  
14.4 Packing group : Not dangerous goods  
14.5 Environmental hazards : Not dangerous goods  
14.6 Special precautions for user : Not dangerous goods

**Air transport (IATA)**

14.1 UN number : Not dangerous goods  
14.2 UN proper shipping name : Not dangerous goods  
14.3 Transport hazard class(es) : Not dangerous goods  
14.4 Packing group : Not dangerous goods  
14.5 Environmental hazards : Not dangerous goods  
14.6 Special precautions for user : Not dangerous goods

**Sea Transport (IMDG/IMO)**

14.1 UN number : Not dangerous goods  
14.2 UN proper shipping name : Not dangerous goods  
14.3 Transport hazard class(es) : Not dangerous goods  
14.4 Packing group : Not dangerous goods  
14.5 Environmental hazards : Not dangerous goods  
14.6 Special precautions for user : Not dangerous goods  
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code : Not dangerous goods

**Product AT USE DILUTION**

Not intended for transport.

**Section: 15. REGULATORY INFORMATION**

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

according to Detergents Regulation EC 648/2004 : 30 % and more: Non-ionic surfactants  
Other constituents: Preservation agents

**National Regulations**

**Take note of Dir 94/33/EC on the protection of young people at work.**

Other regulations : The Chemicals (Hazard Information and Packaging for Supply) Regulations.  
The Control of Substances Hazardous to Health Regulations.  
Health and Safety at Work Act.

**15.2 Chemical Safety Assessment**

**SOLID CLEAR DRY CLEAN**

This product contains substances for which Chemical Safety Assessments are still required.

**Section: 16. OTHER INFORMATION****Full text of R-Phrases**

|           |                                                                  |
|-----------|------------------------------------------------------------------|
| R22       | Harmful if swallowed.                                            |
| R23/24/25 | Also toxic by inhalation, in contact with skin and if swallowed. |
| R34       | Causes burns.                                                    |
| R36       | Irritating to eyes.                                              |
| R38       | Irritating to skin.                                              |
| R41       | Risk of serious damage to eyes.                                  |
| R43       | May cause sensitization by skin contact.                         |
| R50       | Very toxic to aquatic organisms.                                 |

**Full text of H-Statements**

|      |                                                       |
|------|-------------------------------------------------------|
| H301 | Toxic if swallowed.                                   |
| H302 | Harmful if swallowed.                                 |
| H311 | Toxic in contact with skin.                           |
| H314 | Causes severe skin burns and eye damage.              |
| H315 | Causes skin irritation.                               |
| H317 | May cause an allergic skin reaction.                  |
| H318 | Causes serious eye damage.                            |
| H319 | Causes serious eye irritation.                        |
| H330 | Fatal if inhaled.                                     |
| H400 | Very toxic to aquatic life.                           |
| H410 | Very toxic to aquatic life with long lasting effects. |

**Full text of other abbreviations**

Prepared by : Regulatory Affairs

Numbers quoted in the MSDS are given in the format: 1,000,000 = 1 million and 1,000 = 1 thousand. 0.1 = 1 tenth and 0.001 = 1 thousandth

REVISED INFORMATION: Significant changes to regulatory or health information for this revision is indicated by a bar in the left-hand margin of the SDS.

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 given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The 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, unless specified in the text.

**ANNEX: EXPOSURE SCENARIOS****DPD+ Substances:**

The following substances are the lead substances that contribute to the mixture Exposure Scenario according to the DPD+ Rule:

| Route      | Substance                              | CAS-No.    | EINECS-No. |
|------------|----------------------------------------|------------|------------|
| Ingestion  | alcohols, c10-16, ethoxylated          | 68002-97-1 | 500-182-6  |
| Inhalation | oxirane, methyl-, polymer with oxirane | 9003-11-6  |            |

**SOLID CLEAR DRY CLEAN**

|                     |                                                                                                                           |            |           |
|---------------------|---------------------------------------------------------------------------------------------------------------------------|------------|-----------|
| Dermal              | mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] | 55965-84-9 |           |
| Dermal              | mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] | 55965-84-9 |           |
| Eyes                | alcohols, c10-16, ethoxylated                                                                                             | 68002-97-1 | 500-182-6 |
| aquatic environment | alcohols, c10-16, ethoxylated                                                                                             | 68002-97-1 | 500-182-6 |
| aquatic environment | alcohols, c10-16, ethoxylated                                                                                             | 68002-97-1 | 500-182-6 |

To calculate if your downstream Operating Conditions and Risk management Measures are safe, please calculate your risk factor at the website below:

[www.ecetoc.org/tra](http://www.ecetoc.org/tra)

**Short title of Exposure Scenario** : **Dishwash and rinse aid product; Automatic process**

**Use descriptors**

Main User Groups : Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

Sectors of end-use : **SU22:** Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

Process categories : **PROC2:** Use in closed, continuous process with occasional controlled exposure  
**PROC8b:** Transfer of substance or preparation (charging/ discharging) from/ to vessels/ large containers at dedicated facilities

Product categories : **PC35:** Washing and cleaning products (including solvent based products)

Environmental Release Categories : **ERC8a:** Wide dispersive indoor use of processing aids in open systems