## Section: 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1 Product identifier

| | | |
|---|---|---|
| Product name | : | Oasis clean 32 S |
| Product code | : | 114325E |
| Use of the Substance/Mixture | : | Floor Cleaner |
| Substance type: | : | Mixture |
| | | **For professional users only.** |
| Product dilution information | : | 1.0 % - 3.0 % |

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

| | | |
|---|---|---|
| Identified uses | : | Floor cleaner. Manual 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.<br>PO Box 11; Winnington Avenue<br>Northwich, Cheshire, United Kingdom CW8 4DX<br>+ 44 (0)1606 74488<br>ccs@ecolab.com |

### 1.4 Emergency telephone number

| | | |
|---|---|---|
| Emergency telephone number | : | +441618841235<br>+32-(0)3-575-5555 Trans-European |

Date of Compilation/Revision : 28.04.2020
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**

Not a hazardous substance or mixture.

### 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. |
| Precautionary Statements | : | **Prevention:** | |
| | | P280e | Wear eye protection/face protection. |

**Product AT USE DILUTION**
Not a hazardous substance or mixture.

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>REGULATION (EC) No 1272/2008 | Concentration:<br>[%] |
|---|---|---|---|
| Isopropyl Alcohol | 67-63-0<br>200-661-7<br>01-2119457558-25 | Flammable liquids Category 2; H225<br>Eye irritation Category 2; H319<br>Specific target organ toxicity - single exposure Category 3; H336 | >= 5 - < 10 |
| Di(2-Ethylhexyl) Sodium Sulfosuccinate | 577-11-7<br>209-406-4<br>01-2119491296-29 | Skin irritation Category 2; H315<br>Serious eye damage Category 1; H318 | >= 1 - < 2.5 |
| Substances with a workplace exposure limit : | | | |
| ethanol | 64-17-5<br>200-578-6<br>01-2119457610-43 | Flammable liquids Category 2; H225 | >= 0.25 - < 0.5 |

**Product AT USE DILUTION**
**Hazardous components**

| Chemical Name | CAS-No.<br>EC-No.<br>REACH No. | Classification<br>REGULATION (EC) No 1272/2008 | Concentration:<br>[%] |
|---|---|---|---|
| Substances with a workplace exposure limit : | | | |
| Isopropyl Alcohol | 67-63-0<br>200-661-7<br>01-2119457558-25 | Flammable liquidsCategory 2; H225<br>Eye irritationCategory 2; H319<br>Specific target organ toxicity - single exposureCategory 3; H336 | >= 0.25 - < 0.5 |

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 | : | 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

| | | |
|---|---|---|
| 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 | : | Fire Hazard<br>Keep away from heat and sources of ignition.<br>Flash back possible over considerable distance.<br>Beware of vapours accumulating to form explosive concentrations.<br>Vapours can accumulate in low areas. |
| Hazardous combustion products | : | Depending on combustion properties, decomposition products may include following materials:<br>Carbon oxides<br>Sulphur oxides<br>metal oxides |

### 5.3 Advice for firefighters

| | | |
|---|---|---|
| Special protective equipment for firefighters | : | Use personal protective equipment. |
| Further information | : | 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 | : | Remove all sources of ignition. 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

**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 | : | Eliminate all ignition sources if safe to do so. 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. Use only with adequate ventilation. Keep away from fire, sparks and heated surfaces. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours). Wash hands thoroughly after handling. Open drum carefully as content may be under pressure. In case of mechanical malfunction, or if in contact with unknown dilution of product, wear full Personal Protective Equipment (PPE). |
| 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 | : | Wash hands after handling. In case of mechanical malfunction, or if in contact with unknown dilution of product, wear full Personal Protective Equipment (PPE). For personal protection see section 8. |
| 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 away from heat and sources of ignition. Keep away from oxidizing agents. Keep out of reach of children. Keep container tightly closed. Store in suitable labeled containers. |
| Storage temperature | : | 0 °C to 40 °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**

## Section: 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

**Product AS SOLD**

**Occupational Exposure Limits**

| Components | CAS-No. | Value type (Form | Control parameters | Basis |
|---|---|---|---|---|

| | | | | |
|---|---|---|---|---|
| | | of exposure) | | |
| Isopropyl Alcohol | 67-63-0 | TWA | 400 ppm<br>999 mg/m3 | UKCOSSTD |
| | | STEL | 500 ppm<br>1,250 mg/m3 | UKCOSSTD |
| ethanol | 64-17-5 | TWA | 1,000 ppm<br>1,920 mg/m3 | UKCOSSTD |
| Further information | 16 | Where no specific short-term exposure limit is listed, a figure three times the long-term exposure limit should be used. | | |

DNEL

| | | |
|---|---|---|
| Isopropyl Alcohol | : | End Use: Workers<br>Exposure routes: Dermal<br>Potential health effects: Long-term systemic effects<br>Value: 888 mg/cm2<br><br>End Use: Workers<br>Exposure routes: Inhalation<br>Potential health effects: Long-term systemic effects<br>Value: 500 mg/m3<br><br>End Use: Consumers<br>Exposure routes: Dermal<br>Potential health effects: Long-term systemic effects<br>Value: 319 mg/cm2<br><br>End Use: Consumers<br>Exposure routes: Inhalation<br>Potential health effects: Long-term systemic effects<br>Value: 89 mg/m3<br><br>End Use: Consumers<br>Exposure routes: Ingestion<br>Potential health effects: Long-term systemic effects<br>Value: 26 ppm |
| Linear(C12-C14)alkanol, ethoxylated, sulfated, sodium salt | : | End Use: Workers<br>Exposure routes: Dermal<br>Potential health effects: Long-term systemic effects<br><br>End Use: Workers<br>Exposure routes: Inhalation<br>Potential health effects: Long-term systemic effects<br>Value: 175 mg/m3 |

PNEC

| | | |
|---|---|---|
| Isopropyl Alcohol | : | Fresh water<br>Value: 140.9 mg/l<br><br>Marine water<br>Value: 140.9 mg/l<br><br>Intermittent use/release<br>Value: 140.9 mg/l<br><br>Fresh water<br>Value: 552 mg/kg |

| | | |
|---|---|---|
| | | Marine sediment<br>Value: 552 mg/kg<br><br>Soil<br>Value: 28 mg/kg<br><br>Sewage treatment plant<br>Value: 2251 mg/l<br><br>Oral<br>Value: 160 mg/kg |
| Linear(C12-C14)alkanol, ethoxylated, sulfated, sodium salt | : | Fresh water<br>Value: 0.24 mg/l<br><br>Marine water<br>Value: 0.024 mg/l<br><br>Intermittent use/release<br>Value: 0.071 mg/l<br><br>Sewage treatment plant<br>Value: 10000 mg/l<br><br>Fresh water sediment<br>Value: 5.45 mg/kg<br><br>Marine sediment<br>Value: 0.545 mg/kg<br><br>Soil<br>Value: 0.946 mg/kg |

### 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) : Safety glasses with side-shields

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

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

| | | |
|---|---|---|
| Respiratory protection (EN 143, 14387) | : | None required if airborne concentrations are maintained below the exposure limit listed in Exposure Limit Information. Use certified respiratory protection equipment meeting EU requirements(89/656/EEC, (EU) 2016/425), or equivalent, when respiratory risks cannot be avoided or sufficiently limited by technical means of collective protection or by measures, methods or procedures of work organization. |

**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. |
| Skin and body protection (EN 14605) | : | No special protective equipment required. |
| Respiratory protection (EN 143, 14387) | : | None required if airborne concentrations are maintained below the exposure limit listed in Exposure Limit Information. Use certified respiratory protection equipment meeting EU requirements(89/656/EEC, (EU) 2016/425), or equivalent, when respiratory risks cannot be avoided or sufficiently limited by technical means of collective protection or by measures, methods or procedures of work organization. |

**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

| | | Product AS SOLD | Product AT USE DILUTION |
|---|---|---|---|
| Appearance | : | liquid | liquid |
| Colour | : | purple | colourless |
| Odour | : | alcohol-like | mild |
| pH | : | 6.3 - 7.3, 100 % | 7.4 |
| Flash point | : | 38 °C closed cup, Does not sustain combustion. | |
| Odour Threshold | : | Not applicable and/or not determined for the mixture | |
| Melting point/freezing point | : | Not applicable and/or not determined for the mixture | |
| Initial boiling point and boiling range | : | Not applicable and/or not determined for the mixture | |

| | | |
|---|---|---|
| Evaporation rate | : | Not applicable and/or not determined for the mixture |
| Flammability (solid, gas) | : | Not applicable and/or not determined for the mixture |
| Upper explosion limit | : | Not applicable and/or not determined for the mixture |
| Lower explosion limit | : | Not applicable and/or not determined for the mixture |
| Vapour pressure | : | Not applicable and/or not determined for the mixture |
| Relative vapour density | : | Not applicable and/or not determined for the mixture |
| Relative density | : | 0.986 - 0.992 |
| Water solubility | : | soluble |
| Solubility in other solvents | : | Not applicable and/or not determined for the mixture |
| Partition coefficient: n-octanol/water | : | Not applicable and/or not determined for the mixture |
| Auto-ignition temperature | : | Not applicable and/or not determined for the mixture |
| Thermal decomposition | : | Not applicable and/or not determined for the mixture |
| Viscosity, kinematic | : | Not applicable and/or not determined for the mixture |
| Explosive properties | : | Not applicable and/or not determined for the mixture |
| Oxidizing properties | : | The substance or mixture is not classified as oxidizing. |

### 9.2 Other information

Not applicable and/or not determined for the mixture

## Section: 10. STABILITY AND REACTIVITY

**Product AS SOLD**

### 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

Heat, flames and sparks.

### 10.5 Incompatible materials

None known.

### 10.6 Hazardous decomposition products

Depending on combustion properties, decomposition products may include following materials:
Carbon oxides
Sulphur oxides
metal oxides

## Section: 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

**Product AS SOLD**

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

**Product**

| | | |
|---|---|---|
| Acute oral toxicity | : | There is no data available for this product. |
| Acute inhalation toxicity | : | There is no data available for this product. |
| Acute dermal toxicity | : | There is no data available for this product. |
| Skin corrosion/irritation | : | There is no data available for this product. |
| Serious eye damage/eye irritation | : | There is no data available for this product. |
| Respiratory or skin sensitization | : | There is no data available for this product. |
| Carcinogenicity | : | There is no data available for this product. |
| Reproductive effects | : | There is no data available for this product. |
| Germ cell mutagenicity | : | There is no data available for this product. |
| Teratogenicity | : | There is no data available for this product. |
| STOT - single exposure | : | There is no data available for this product. |
| STOT - repeated exposure | : | There is no data available for this product. |
| Aspiration toxicity | : | There is no data available for this product. |

**Components**

Acute oral toxicity : Isopropyl Alcohol
LD50 rat: 5,840 mg/kg

Di(2-Ethylhexyl) Sodium Sulfosuccinate
LD50 rat: 3,000 mg/kg

ethanol
LD50 rat: 10,470 mg/kg

**Components**

Acute inhalation toxicity : Isopropyl Alcohol
4 h LC50 rat: > 30 mg/l
Test atmosphere: vapour

ethanol
4 h LC50 rat: 117 mg/l
Test atmosphere: vapour

**Components**

| | | |
|---|---|---|
| Acute dermal toxicity | : | Isopropyl Alcohol<br>LD50 rabbit: 12,870 mg/kg<br><br>Di(2-Ethylhexyl) Sodium Sulfosuccinate<br>LD50 rabbit: > 10,000 mg/kg<br><br>ethanol<br>LD50 rabbit: > 15,800 mg/kg |

**Potential Health Effects**

**Product AS SOLD**

| | | |
|---|---|---|
| Eyes | : | Causes serious eye irritation. |
| 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. |
| 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. |
| 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 | : | No symptoms known or expected. |
| Ingestion | : | No symptoms known or expected. |
| 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 : Isopropyl Alcohol
96 h LC50 Pimephales promelas (fathead minnow): 9,640 mg/l

Di(2-Ethylhexyl) Sodium Sulfosuccinate
96 h LC50 Danio rerio (zebra fish): 49 mg/l

ethanol
96 h LC50 Pimephales promelas (fathead minnow): > 100 mg/l

**Components**

Toxicity to daphnia and other aquatic invertebrates : Isopropyl Alcohol
LC50 Daphnia magna (Water flea): > 10,000 mg/l

Di(2-Ethylhexyl) Sodium Sulfosuccinate
48 h EC50 Daphnia magna (Water flea): 6.6 mg/l

**Components**

Toxicity to algae : Di(2-Ethylhexyl) Sodium Sulfosuccinate
72 h EC50 Desmodesmus subspicatus (green algae): 82.5 mg/l

### 12.2 Persistence and degradability

**Product**

Biodegradability : The surfactants contained in the product are biodegradable according to the requirements of the detergent regulation 648/2004/EC

**Components**

Biodegradability : Isopropyl Alcohol
Result: Readily biodegradable.

Di(2-Ethylhexyl) Sodium Sulfosuccinate
Result: Readily biodegradable.

ethanol
Result: Readily biodegradable.

### 12.3 Bioaccumulative potential

no data available

### 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 | : | 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. Dispose of in accordance with local, state, and federal regulations. |
| Guidance for Waste Code selection | : | Organic wastes containing dangerous substances. If this product is used in any further processes, the final user must redefine and assign the most appropriate European Waste Catalogue Code. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste identification and disposal methods in compliance with applicable European (EU Directive 2008/98/EC) and local regulations. |

**Product AT USE DILUTION**

| | | |
|---|---|---|
| Product | : | Diluted product can be flushed to sanitary sewer if regulations permit. |
| Contaminated packaging | : | Dispose of in accordance with local, state, and federal regulations. |

## 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 |
| 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 |

## 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 | : | less than 5 %: Anionic surfactants |

**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.<br>The Control of Substances Hazardous to Health Regulations.<br>Health and Safety at Work Act. |

**15.2 Chemical Safety Assessment**

No Chemical Safety Assessment has been carried out on the product.

## Section: 16. OTHER INFORMATION

**Procedure used to derive the classification according to REGULATION (EC) No 1272/2008**

| Classification | Justification |
|---|---|
| Eye irritation 2, H319 | Calculation method |

**Full text of H-Statements**

| | |
|---|---|
| H225 | Highly flammable liquid and vapour. |
| H315 | Causes skin irritation. |
| H318 | Causes serious eye damage. |
| H319 | Causes serious eye irritation. |
| H336 | May cause drowsiness or dizziness. |

**Full text of other abbreviations**

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; AICS – Australian Inventory of Chemical Substances; ASTM – American Society for the Testing of Materials; bw – Body weight; CLP – Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR – Carcinogen, Mutagen or Reproductive Toxicant; DIN – Standard of the German Institute for Standardisation; DSL – Domestic Substances List (Canada); ECHA – European Chemicals Agency; EC-Number – European Community number; ECx – Concentration associated with x% response; ELx – Loading rate associated with x% response; EmS – Emergency Schedule; ENCS – Existing and New Chemical Substances (Japan); ErCx – Concentration associated with x% growth rate response; GHS – Globally Harmonized System; GLP – Good Laboratory Practice; IARC – International Agency for Research on Cancer; IATA – International Air Transport Association; IBC – International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 – Half maximal inhibitory concentration; ICAO – International Civil Aviation Organization; IECSC – Inventory of Existing Chemical Substances in China; IMDG – International Maritime Dangerous Goods; IMO – International Maritime Organization; ISHL – Industrial Safety and Health Law (Japan); ISO – International Organisation for Standardization; KECI – Korea Existing Chemicals Inventory; LC50 – Lethal Concentration to 50 % of a test population; LD50 – Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL – International Convention for the Prevention of Pollution from Ships; n.o.s. – Not Otherwise Specified; NO(A)EC – No Observed (Adverse) Effect Concentration; NO(A)EL – No Observed (Adverse) Effect Level; NOELR – No Observable Effect Loading Rate; NZIoC – New Zealand Inventory of Chemicals; OECD – Organization for Economic Co-operation and Development; OPPTS – Office of Chemical Safety and Pollution Prevention; PBT – Persistent, Bioaccumulative and Toxic substance; PICCS – Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR – (Quantitative) Structure Activity Relationship; REACH – Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID – Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT – Self-Accelerating Decomposition Temperature; SDS – Safety Data Sheet; TCSI – Taiwan Chemical Substance Inventory; TRGS – Technical Rule for Hazardous Substances; TSCA – Toxic Substances Control Act (United States); UN – United Nations; vPvB – Very Persistent and Very Bioaccumulative

**Further information**

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

### Exposure Scenario: Floor cleaner. Manual process

| | | | |
|---|---|---|---|
| Life Cycle Stage | : | Widespread use by professional workers | |
| Product category | : | **PC35** | Washing and cleaning products (including solvent based products) |

**Contributing scenario controlling environmental exposure for:**

| | | | |
|---|---|---|---|
| Environmental release category | : | **ERC8a** | Wide dispersive indoor use of processing aids in open systems |
| Daily amount per site | : | 7.5 kg | |
| Type of Sewage Treatment Plant | : | Municipal sewage treatment plant | |

**Contributing scenario controlling worker exposure for:**

| | | | |
|---|---|---|---|
| Process category | : | **PROC10** | Roller application or brushing |
| Exposure duration | : | 480 min | |
| Operational conditions and risk management measures | : | Indoor | |
| | | Local Exhaust Ventilation is not required | |
| General ventilation | | Ventilation rate per hour | 1 |
| Skin Protection | : | No | |
| Respiratory Protection | : | No | |

**Contributing scenario controlling worker exposure for:**

| | | | |
|---|---|---|---|
| Process category | : | **PROC8a** | Transfer of substance or preparation (charging/ discharging) from/ to vessels/ large containers at non-dedicated facilities |
| Exposure duration | : | 60 min | |
| Operational conditions and | : | Indoor | |

risk management measures

| | | | |
|---|---|---|---|
| | | Local Exhaust Ventilation is not required | |
| General ventilation | | Ventilation rate per hour | 1 |
| Skin Protection | : | Yes: See Section 8 | |
| Respiratory Protection | : | No | |