

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

1.1. Product identifier

Product form : Mixture
 Product name : SOLZYM
 Product code : LIQ0825
 Type of product : Detergent

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

1.2.1. Relevant identified uses

Main use category : Professional use

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

REALCO S.A.
 Avenue Albert Einstein, 15
 B-1348 Louvain-la-Neuve - Belgium
 T +32 (0)10 45 30 00 - F +32 (0)10 45 63 63
info@realco.be - www.realco.be

1.4. Emergency telephone number

Emergency number : Int+32-70-245.245

| Country | Organisation/Company | Address | Emergency number | Comment |
|---------|---|-------------------------------|------------------|---------|
| | Centre Anti-Poisons/Antigifocentrum c/o Hôpital Central de la Base - Reine Astrid | Rue Bruyn B -1120 Brussels | +32 70 245 245 | |

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Serious eye damage/eye irritation, Category 2 H319
 Full text of H statements : see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

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

Hazard pictograms (CLP) :



GHS07

Signal word (CLP) : Warning
 Hazard statements (CLP) : H319 - Causes serious eye irritation.
 Precautionary statements (CLP) : P264 - Wash hands, forearms and face thoroughly after handling.
 P280 - Wear eye protection, face protection.
 P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P337+P313 - If eye irritation persists: Get medical advice/attention.

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

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

3.2. Mixtures

| Name | Product identifier | % | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|---|---|---------|--|
| 2-methoxymethylethoxypropanol substance with a Community workplace exposure limit | (CAS-No.) 34590-94-8 (EC-No.) 252-104-2 (REACH-no) 01-2119450011-60 | 5 - 15 | Not classified |
| 3-butoxypropan-2-ol; propylene glycol monobutyl ether | (CAS-No.) 5131-66-8 (EC-No.) 225-878-4 (EC Index-No.) 603-052-00-8 (REACH-no) 01-2119475527-28 | 1 - 5 | Flam. Liq. 3, H226 Acute Tox. 4 (Dermal), H312 Skin Irrit. 2, H315 Eye Irrit. 2, H319 |
| 1-methoxy-2-propanol; monopropylene glycol methyl ether substance with a Community workplace exposure limit | (CAS-No.) 107-98-2 (EC-No.) 203-539-1 (EC Index-No.) 603-064-00-3 (REACH-no) 01-2119457435-35 | 1 - 5 | Flam. Liq. 3, H226 STOT SE 3, H336 |
| Poly(oxy-1,2-ethanediyl), .alpha.-tridecyl-.omega.-hydroxy-, branched | | 1 - 5 | Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318 |
| alcohols, C12-C15, ethoxylated, propoxylated | (CAS-No.) 120313-48-6 | 0,1 - 1 | Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Acute 1, H400 Aquatic Chronic 3, H412 |
| Alcools, C12-C14, étoxylés, propoxylés | (CAS-No.) 68439-51-0 (EC-No.) 931-986-9 | 0.1 - 1 | Eye Irrit. 2, H319 Aquatic Acute 1, H400 Aquatic Chronic 3, H412 |

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

| | |
|---------------------------------------|--|
| First-aid measures general | : If you feel unwell, seek medical advice (show the label where possible). If on skin, take off contaminated clothing. |
| First-aid measures after inhalation | : Remove victim to fresh air. Assure fresh air breathing. Keep victim at rest in half upright position. |
| First-aid measures after skin contact | : Rinse immediately contaminated clothing and skin with plenty of water before removing clothes. |
| First-aid measures after eye contact | : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| First-aid measures after ingestion | : Rinse mouth. |

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

| | |
|-------------------------------------|---|
| Symptoms/effects after inhalation | : Cough. |
| Symptoms/effects after skin contact | : Redness, pain. |
| Symptoms/effects after eye contact | : Redness, pain. Blurred vision. |
| Symptoms/effects after ingestion | : Ingestion may cause nausea, vomiting and diarrhea. Gastrointestinal complaints. |

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 | : All extinguishing media allowed. |
| Unsuitable extinguishing media | : Do not use a heavy water stream. |

5.2. Special hazards arising from the substance or mixture

| | |
|--|--|
| Fire hazard | : At high temperatures : Toxic and corrosive vapours are released. |
| Explosion hazard | : Product is not explosive. |
| Hazardous decomposition products in case of fire | : Thermal decomposition generates : Carbon oxides (CO, CO2). |

5.3. Advice for firefighters

| | |
|--------------------------------|---|
| Precautionary measures fire | : Self-contained breathing apparatus when in close proximity to fire. |
| Firefighting instructions | : Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment. Use water spray or fog for cooling exposed containers. |
| Protection during firefighting | : Do not enter fire area without proper protective equipment, including respiratory protection. |

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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Ensure adequate ventilation.

6.1.1. For non-emergency personnel

Protective equipment : Breathing equipment. See Heading 8.

Emergency procedures : Evacuate area.

6.1.2. For emergency responders

Protective equipment : Personal protection. See Heading 8. Equip cleanup crew with proper protection.

Emergency procedures : Mark the danger area. Evacuate unnecessary personnel. Stop leak if safe to do so.

6.2. Environmental precautions

Avoid release to the environment. Prevent entry to sewers and public waters.

6.3. Methods and material for containment and cleaning up

For containment : Dike for recovery or absorb with appropriate material.

Methods for cleaning up : Absorb spillage to prevent material damage. Rinse with plenty of water.

Other information : Spill area may be slippery.

6.4. Reference to other sections

See Heading 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed : Provide good ventilation in process area to prevent formation of vapour.

Precautions for safe handling : Do not eat, drink or smoke when using this product. Do not breathe Vapours, Dust. Use personal protective equipment as required.

Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep only in the original container. Keep in a cool, well-ventilated place. Keep container closed when not in use.

Storage temperature : 4 - 25 °C

Heat and ignition sources : Store away from direct sunlight or other heat sources.

Storage area : Store in a well-ventilated place.

Packaging materials : PEHD.

7.3. Specific end use(s)

Cleaning/washing agents.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

| 2-methoxymethylethoxypropanol (34590-94-8) | | |
|--|---|---|
| EU | Local name | (2-Methoxymethylethoxy)-propanol |
| EU | IOELV TWA (mg/m ³) | 308 mg/m ³ |
| EU | IOELV TWA (ppm) | 50 ppm |
| EU | Notes | Skin |
| Belgium | Local name | Dipropylèneglycolmonométhyléther # Dipropyleenglycolmonomethylether |
| Belgium | Limit value (mg/m ³) | 308 mg/m ³ |
| Belgium | Limit value (ppm) | 50 ppm |
| Belgium | Remark (BE) | D: La mention D signifie que la résorption de l'agent, via la peau, les muqueuses ou les yeux, constitue une partie importante de l'exposition totale. Cette résorption peut se faire tant par contact direct que par présence de l'agent dans l'air. # De vermelding D betekent dat de opname van het agens via de huid, de slijmvliezen of de ogen een belangrijk deel van de totale blootstelling vormt. Deze opname kan het gevolg zijn van zowel direct contact als zijn aanwezigheid in de lucht. |
| Germany | TRGS 910 Acceptance concentration notes | |

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| 1-methoxy-2-propanol; monopropylene glycol methyl ether (107-98-2) | | |
|--|---|---|
| EU | Local name | 1-Methoxypropanol-2 |
| EU | IOELV TWA (mg/m ³) | 375 mg/m ³ |
| EU | IOELV TWA (ppm) | 100 ppm |
| EU | IOELV STEL (mg/m ³) | 568 mg/m ³ |
| EU | IOELV STEL (ppm) | 150 ppm |
| EU | Notes | Skin |
| Belgium | Local name | 1-Méthoxy-2-propanol # 1-Methoxy-2-propanol |
| Belgium | Limit value (mg/m ³) | 375 mg/m ³ |
| Belgium | Limit value (ppm) | 100 ppm |
| Belgium | Short time value (mg/m ³) | 568 mg/m ³ |
| Belgium | Short time value (ppm) | 150 ppm |
| Belgium | Remark (BE) | D: La mention D signifie que la résorption de l'agent, via la peau, les muqueuses ou les yeux, constitue une partie importante de l'exposition totale. Cette résorption peut se faire tant par contact direct que par présence de l'agent dans l'air. # De vermelding D betekent dat de opname van het agens via de huid, de slijmvliezen of de ogen een belangrijk deel van de totale blootstelling vormt. Deze opname kan het gevolg zijn van zowel direct contact als zijn aanwezigheid in de lucht. |
| Germany | TRGS 910 Acceptance concentration notes | |

| subtilisin (9014-01-1) | | |
|------------------------|---|---------------------------|
| Belgium | Limit value (mg/m ³) | 0,00006 mg/m ³ |
| Germany | TRGS 910 Acceptance concentration notes | |

8.2. Exposure controls

Appropriate engineering controls:

Provide local exhaust or general room ventilation.

Personal protective equipment:

Gloves. Safety glasses.

| |
|--|
| Hand protection: |
| In case of repeated or prolonged contact wear gloves. (EN 134) |
| Eye protection: |
| Eye protection (standard EN 166) |
| Skin and body protection: |
| No special clothing/skin protection equipment is recommended under normal conditions of use. Avoid contact with skin |
| Respiratory protection: |
| No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Dust/aerosol mask with filter type P3 |

Personal protective equipment symbol(s):



Thermal hazard protection:

No specific measures are necessary.

Environmental exposure controls:

Do not allow product to spread into the environment.

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Other information:

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. The equipment must be cleaned thoroughly after each use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|--|-------------------------------------|
| Physical state | : Liquid |
| Colour | : light yellow. |
| Odour | : characteristic. |
| Odour threshold | : Not determined |
| pH | : 6,5 - 7,5 |
| Relative evaporation rate (butylacetate=1) | : The product has not been tested |
| Melting point | : The product has not been tested |
| Freezing point | : The product has not been tested |
| Boiling point | : The product has not been tested |
| Flash point | : The product has not been tested |
| Critical temperature | : The product has not been tested |
| Auto-ignition temperature | : Not applicable |
| Decomposition temperature | : Not applicable |
| Flammability (solid, gas) | : Not applicable |
| Vapour pressure | : The product has not been tested |
| Relative vapour density at 20 °C | : The product has not been tested |
| Relative density | : 0,97 - 1,07 |
| Solubility | : Material highly soluble in water. |
| Log Pow | : The product has not been tested |
| Viscosity, kinematic | : No data available |
| Viscosity, dynamic | : The product has not been tested |
| Explosive properties | : Product is not explosive. |
| Oxidising properties | : Not applicable. |
| Explosive limits | : No data available |

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable in use and storage conditions as recommended in item 7.

10.2. Chemical stability

Stable in use and storage conditions as recommended in item 7.

10.3. Possibility of hazardous reactions

None under normal conditions.

10.4. Conditions to avoid

Heat. Direct sunlight.

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

In the event of fire, may decompose : Carbon oxides (CO, CO₂). fume.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

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

alcohols, C12-C15, ethoxylated, propoxylated (120313-48-6)

| | |
|-----------------|--------------|
| LD50 oral rat | > 2000 mg/kg |
| LD50 dermal rat | > 2000 mg/kg |

2-methoxymethylethoxypropanol (34590-94-8)

| | |
|---------------|--------------|
| LD50 oral rat | > 5000 mg/kg |
|---------------|--------------|

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| | |
|--------------------|---------------|
| LD50 dermal rabbit | > 10000 mg/kg |
|--------------------|---------------|

1-methoxy-2-propanol; monopropylene glycol methyl ether (107-98-2)

| | |
|----------------------------|---|
| LD50 oral rat | 4016 mg/kg |
| LD50 dermal rabbit | 2000 mg/kg May produce skin irritation. |
| LC50 inhalation rat (mg/l) | 27596 mg/l (6hours)May cause irritation to the respiratory tract. |

3-butoxypropan-2-ol; propylene glycol monobutyl ether (5131-66-8)

| | |
|----------------------------|-------------|
| LD50 oral rat | 2700 mg/kg |
| LD50 dermal rat | 2000 mg/kg |
| LC50 inhalation rat (mg/l) | 651 mg/l/4h |

Alcools, C12-C14, étoxylés, propoxylés (68439-51-0)

| | |
|-----------------------------------|---|
| LD50 oral rat | > 2000 mg/kg |
| Skin corrosion/irritation | : Not classified pH: 6,5 - 7,5 |
| Serious eye damage/irritation | : Causes serious eye irritation. pH: 6,5 - 7,5 |
| Respiratory or skin sensitisation | : Not classified |
| Germ cell mutagenicity | : Not classified |
| Carcinogenicity | : Not classified |
| Reproductive toxicity | : Not classified |
| STOT-single exposure | : Not classified |
| STOT-repeated exposure | : Not classified |
| Aspiration hazard | : Not classified |

SECTION 12: Ecological information

12.1. Toxicity

| | |
|--------------------------|------------------|
| Acute aquatic toxicity | : Not classified |
| Chronic aquatic toxicity | : Not classified |

alcohols, C12-C15, ethoxylated, propoxylated (120313-48-6)

| | |
|---|--|
| LC50 fish 1 | 0,1 - 1 mg/l (Branchydanio rerio)(OECD 203 method) |
| LC50, Fish, Branchydanio rerio | 0,1-1 mg/l (96 Hours) |
| EC50, aquatic invertebrates | 1-10 mg/l (48 Hours) |
| EC50, algae, acute, Scenedesmus subspicatus | 0.1-1 mg/l (72 Hours, (OCDE 201)) |
| EC10, microorganisms, Pseudomonas putida | > 1000 mg/l |
| EC10, long term, Scenedesmus subspicatus | 0.1 - 1 mg/l |

2-methoxymethylethoxypropanol (34590-94-8)

| | |
|---------------------------------|-------------------------|
| LC50, Fish, Pimephales promelas | > 10000 mg/l (96 Hours) |
| EC50, daphnia, Daphnia magna | > 100 mg/l (48 Hours) |
| EC50, algae | > 100 mg/l (72 Hours) |

1-methoxy-2-propanol; monopropylene glycol methyl ether (107-98-2)

| | |
|--|-----------------------|
| LC50, Fish, Leuciscus idus (golden orfe) | 6812 mg/l (96 Hours) |
| EC50, daphnia, Daphnia magna | 23300 mg/l (48 Hours) |

3-butoxypropan-2-ol; propylene glycol monobutyl ether (5131-66-8)

| | |
|---------------------------------|--------------------------|
| LC50, Fish, Poecilia reticulata | 560-1000 mg/l (96 Hours) |
|---------------------------------|--------------------------|

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| | |
|---|------------------------|
| NOEC, Fish, <i>Poecilia reticulata</i> | 180 mg/l (96 Hours) |
| EC50, daphnia, <i>Daphnia magna</i> | > 1000 mg/l (48 Hours) |
| NOEC50, daphnia, <i>Daphnia magna</i> | 560 mg/l (48 Hours) |
| NOEC50, algae, <i>Selenastrum capricornutum</i> | 560 mg/l (96 Hours) |

Alcools, C12-C14, étoxylés, propoxylés (68439-51-0)

| | |
|---|------------------------------------|
| LC50, Fish, <i>Cyprinus carpio</i> | 1 - 10 mg/l (96 Hours, (OCDE 203)) |
| EC50, aquatic invertebrates, <i>Daphnia magna</i> | 1 - 10 mg/l (48 Hours, (OCDE 202)) |
| EC10, aquatic plants, <i>Desmodemus subspicatus</i> | 1 - 10 mg/l (72 Hours, (OCDE 201)) |
| EC50, aquatic plants, <i>Desmodemus subspicatus</i> | 1 - 10 mg/l (72 Hours, (OCDE 201)) |
| EC50, microorganisms, Activated sludge | 990 mg/l (3 Hours, (OCDE 209)) |

12.2. Persistence and degradability

alcohols, C12-C15, ethoxylated, propoxylated (120313-48-6)

| | |
|---------------------------------|-------------------------------------|
| Persistence and degradability | Biodegradable. |
| Biochemical oxygen demand (BOD) | 0,31 g O ₂ /g substance |
| Chemical oxygen demand (COD) | 2,215 g O ₂ /g substance |
| Biodegradation | >= 90 % Biodegradable. |

2-methoxymethylethoxypropanol (34590-94-8)

| | |
|-------------------------------|-------------------|
| Persistence and degradability | Biodegradable. |
| Biodegradation | 77 - 84 % 28 days |

1-methoxy-2-propanol; monopropylene glycol methyl ether (107-98-2)

| | |
|-------------------------------|----------------|
| Persistence and degradability | Biodegradable. |
|-------------------------------|----------------|

3-butoxypropan-2-ol; propylene glycol monobutyl ether (5131-66-8)

| | |
|-------------------------------|-------------------|
| Persistence and degradability | Biodegradable. |
| Biodegradation | 60 - 90 % 28 days |

Alcools, C12-C14, étoxylés, propoxylés (68439-51-0)

| | |
|-------------------------------|----------------------------------|
| Persistence and degradability | Biodegradable. |
| Biodegradation | > 60 % 28 days(OECD 301B method) |

12.3. Bioaccumulative potential

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| | |
|---------|---------------------------------|
| Log Pow | The product has not been tested |
|---------|---------------------------------|

alcohols, C12-C15, ethoxylated, propoxylated (120313-48-6)

| | |
|---------------------------|----------------------------------|
| Bioaccumulative potential | Slightly or not bioaccumulative. |
|---------------------------|----------------------------------|

2-methoxymethylethoxypropanol (34590-94-8)

| | |
|---------------------------|----------------------------------|
| Bioaccumulative potential | Slightly or not bioaccumulative. |
|---------------------------|----------------------------------|

1-methoxy-2-propanol; monopropylene glycol methyl ether (107-98-2)

| | |
|---------------------------|----------------------|
| Bioaccumulative potential | not bioaccumulative. |
|---------------------------|----------------------|

3-butoxypropan-2-ol; propylene glycol monobutyl ether (5131-66-8)

| | |
|-------------------------------------|-----|
| Bioconcentration factor (BCF REACH) | 3,2 |
|-------------------------------------|-----|

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| | |
|---------------------------|---------------------|
| Bioaccumulative potential | not bioaccumulable. |
|---------------------------|---------------------|

12.4. Mobility in soil

alcohols, C12-C15, ethoxylated, propoxylated (120313-48-6)

| | |
|----------------|------------------------|
| Ecology - soil | Adsorbs into the soil. |
|----------------|------------------------|

2-methoxymethylethoxypropanol (34590-94-8)

| | |
|----------------|-------------------|
| Ecology - soil | Soluble in water. |
|----------------|-------------------|

1-methoxy-2-propanol; monopropylene glycol methyl ether (107-98-2)

| | |
|----------------|-------------------|
| Ecology - soil | Soluble in water. |
|----------------|-------------------|

3-butoxypropan-2-ol; propylene glycol monobutyl ether (5131-66-8)

| | |
|----------------|-------------------|
| Ecology - soil | Soluble in water. |
|----------------|-------------------|

Poly(oxy-1,2-ethanediyl), .alpha.-tridecyl-.omega.-hydroxy-, branched

| | |
|----------------|--|
| Ecology - soil | Adsorbs into the soil. On soil minor mobility is expected. |
|----------------|--|

12.5. Results of PBT and vPvB assessment

Component

| | |
|--|---|
| 2-methoxymethylethoxypropanol (34590-94-8) | This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII |
| 3-butoxypropan-2-ol; propylene glycol monobutyl ether (5131-66-8) | This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII |
| 1-methoxy-2-propanol; monopropylene glycol methyl ether (107-98-2) | This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII |

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

| | |
|--|---|
| Regional legislation (waste) | : Disposal must be done according to official regulations. |
| Sewage disposal recommendations | : May be discharged to wastewater treatment installation. |
| Product/Packaging disposal recommendations | : When totally empty, containers are recyclable like any other packing. |
| Ecology - waste materials | : Avoid release to the environment. Collect all waste in suitable and labelled containers and dispose according to local legislation. |
| European List of Waste (LoW) code | : 20 01 30 - detergents other than those mentioned in 20 01 29 |
| R code/ D code | : D9 - Physico-chemical treatment not specified elsewhere in this Annex which results in final compounds or mixtures which are discarded by means of any of the operations numbered D 1 to D 12 (e.g. evaporation, drying, calcination, etc.) |

SECTION 14: Transport information

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

| ADR | IMDG | IATA | ADN | RID |
|---|----------------|----------------|----------------|----------------|
| 14.1. UN number | | | | |
| Not applicable | Not applicable | Not applicable | Not applicable | Not applicable |
| 14.2. UN proper shipping name | | | | |
| Not applicable | Not applicable | Not applicable | Not applicable | Not applicable |
| 14.3. Transport hazard class(es) | | | | |
| Not applicable | Not applicable | Not applicable | Not applicable | Not applicable |
| 14.4. Packing group | | | | |
| Not applicable | Not applicable | Not applicable | Not applicable | Not applicable |

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14.5. Environmental hazards

| | | | | |
|------------------------------------|---|------------------------------------|------------------------------------|------------------------------------|
| Dangerous for the environment : No | Dangerous for the environment : No Marine pollutant : No | 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

No data available

Transport by sea

No data available

Air transport

No data available

Inland waterway transport

No data available

Rail transport

No data available

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

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to REGULATION (EU) No 649/2012 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 4 July 2012 concerning the export and import of hazardous chemicals.

Substance(s) are not subject to Regulation (EC) No 850/2004 of the European Parliament and of the Council of 29 April 2004 on persistent organic pollutants and amending Directive 79/117/EEC.

Detergent Regulation : Labelling of contents:

| Component | % |
|---|-----|
| non-ionic surfactants, polycarboxylates | <5% |
| enzymes | |

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out for the substance or the mixture by the supplier

SECTION 16: Other information

Indication of changes:

| Section | Changed item | Change | Comments |
|---------|---------------|----------|----------|
| | Revision date | Modified | |
| | Supersedes | Modified | |
| | Date of issue | Modified | |
| | SDS EU format | Modified | |
| | Version | Modified | |

Full text of H- and EUH-statements:

| | |
|-----------------------|---|
| Acute Tox. 4 (Dermal) | Acute toxicity (dermal), Category 4 |
| Acute Tox. 4 (Oral) | Acute toxicity (oral), Category 4 |
| Aquatic Acute 1 | Hazardous to the aquatic environment — Acute Hazard, Category 1 |

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| | |
|-------------------|--|
| Aquatic Chronic 3 | Hazardous to the aquatic environment — Chronic Hazard, Category 3 |
| Eye Dam. 1 | Serious eye damage/eye irritation, Category 1 |
| Eye Irrit. 2 | Serious eye damage/eye irritation, Category 2 |
| Flam. Liq. 3 | Flammable liquids, Category 3 |
| Skin Irrit. 2 | Skin corrosion/irritation, Category 2 |
| STOT SE 3 | Specific target organ toxicity — Single exposure, Category 3, Narcosis |
| H226 | Flammable liquid and vapour. |
| H302 | Harmful if swallowed. |
| H312 | Harmful in contact with skin. |
| H315 | Causes skin irritation. |
| H318 | Causes serious eye damage. |
| H319 | Causes serious eye irritation. |
| H336 | May cause drowsiness or dizziness. |
| H400 | Very toxic to aquatic life. |
| H412 | Harmful to aquatic life with long lasting effects. |

SDS EU (REACH Annex II)

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