

# Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Reference number: 100002412 Issue date: 10/10/2022 Revision date: 04/09/2023 Version: 1.0

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

#### 1.1. Product identifier

Product form Mixture Trade name Soudal O1L Type of product Detergent Vaporizer Aerosol

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

#### 1.2.1. Relevant identified uses

Intended for general public

Main use category : Consumer use.Professional use

Use of the substance/mixture : Cleaning agent

#### 1.2.2. Uses advised against

No additional information available

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

#### Supplier

Soudal N.V. Everdongenlaan 18-20 2300 Turnhout

Belgium T +32 14 42 42 31, F +32 14 42 65 14 sds@soudal.com, www.Soudal.com

## 1.4. Emergency telephone number

| Country | Organisation/Company   | Address                      | Emergency number | Comment   |
|---------|--|------------------------------|------------------|---|
| Belgium | Centre Anti-Poisons/Antigifcentrum<br>c/o Hôpital Militaire Reine Astrid | Rue Bruyn 1<br>1120 Brussels | +32 70 245 245   | Please dial: 070 245<br>245 for any urgent<br>questions about<br>intoxication (free of<br>charge 24/7), if not<br>accessible, dial: 02<br>264 96 30 (standard<br>fee) |

#### **SECTION 2: Hazards identification**

# 2.1. Classification of the substance or mixture

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

H222;H229 Aerosol, Category 1

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

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

Pressurised container: May burst if heated. Extremely flammable aerosol.

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#### 2.2. Label elements

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

Hazard pictograms (CLP)

GHS02

Signal word (CLP) : Danger

Hazard statements (CLP) : H222 - Extremely flammable aerosol.

H229 - Pressurised container: May burst if heated.

Precautionary statements (CLP) : P102 - Keep out of reach of children.

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.

No smoking.

P211 - Do not spray on an open flame or other ignition source.

P251 - Do not pierce or burn, even after use.

P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 122 °F, 50

°C.

EUH-statements : EUH066 - Repeated exposure may cause skin dryness or cracking.

## 2.3. Other hazards

The product does not meet the PBT and vPvB classification criteria

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

| Component         |  |
|-------------------|--|
| butane (106-97-8) | 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 |
| propane (74-98-6) | 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 |

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**

### 3.1. Substances

Not applicable

# 3.2. Mixtures

| Name   | Product identifier   | %           | Classification according to<br>Regulation (EC) No. 1272/2008<br>[CLP] |
|--|--|-------------|---|
| butane substance with national workplace exposure limit(s) (BE)        | CAS-No.: 106-97-8<br>EC-No.: 203-448-7<br>EC Index-No.: 601-004-00-0<br>REACH-no: 01-2119474691-<br>32 | ≥ 25 – < 50 | Flam. Gas 1A, H220<br>Press. Gas (Liq.), H280                         |
| propane<br>substance with national workplace exposure limit(s)<br>(BE) | CAS-No.: 74-98-6<br>EC-No.: 200-827-9<br>EC Index-No.: 601-003-00-5<br>REACH-no: 01-2119486944-<br>21  | ≥ 10 – < 50 | Flam. Gas 1A, H220<br>Press. Gas (Liq.), H280                         |

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| Name  | Product identifier                                  | %           | Classification according to<br>Regulation (EC) No. 1272/2008<br>[CLP] |
|---|---|-------------|---|
| hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics | EC-No.: 918-481-9<br>REACH-no: 01-2119457273-<br>39 | ≥ 25 – < 50 | Asp. Tox. 1, H304<br>EUH066   |

Product subject to CLP Article 1.1.3.7. The disclosure rules of the components is modified in this case.

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

First-aid measures after skin contact : Wash skin with plenty of water.
First-aid measures after eye contact : Rinse eyes with water as a precaution.

First-aid measures after ingestion : Call a poison center or a doctor if you feel unwell.

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

Symptoms/effects after skin contact : Repeated exposure may cause skin dryness or cracking.

## 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.

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

Fire hazard : Extremely flammable aerosol.

Explosion hazard : Pressurised container: May burst if heated.

Hazardous decomposition products in case of fire : Toxic fumes may be released.

#### 5.3. Advice for firefighters

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

## 6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area. No open flames, no sparks, and no smoking.

6.1.2. 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".

# 6.2. Environmental precautions

Avoid release to the environment.

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

Methods for cleaning up : Absorb spilled material with sand or earth. Scoop absorbed substance into closing

containers. Clean contaminated surfaces with an excess of water. Wash clothing and

equipment after handling. Mechanically recover the product.

Other information : Dispose of materials or solid residues at an authorized site.

#### 6.4. Reference to other sections

For further information refer to section 13.

## **SECTION 7: Handling and storage**

### 7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment. Keep

away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after

use

Hygiene measures : 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

Storage conditions : Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F. Store in a

well-ventilated place. Keep cool.

Incompatible products : Heat sources. Ignition sources.

Packaging materials : Aerosol.

## 7.3. Specific end use(s)

No additional information available

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

# 8.1. Control parameters

#### 8.1.1 National occupational exposure and biological limit values

| butane (106-97-8)                      |  |  |
|--|--|--|
| Belgium - Occupational Exposure Limits |  |  |
| Local name                             | Butane, tous isomères: n-butane # Butaan, alle isomeren: n-butaan  |  |
| OEL STEL                               | 2370 mg/m³   |  |
|  | 980 ppm  |  |
| Regulatory reference                   | Koninklijk besluit/Arrêté royal 11/05/2021   |  |
| propane (74-98-6)                      |  |  |
| Belgium - Occupational Exposure Limits |  |  |
| Local name                             | Hydrocarbures aliphatiques sous forme gazeuse: (Alcanes C1-C3) # Alifatische koolwaterstoffen in gas-vorm: Alkanen (C1-C3) |  |
| OEL TWA                                | 1000 ppm   |  |
| Regulatory reference                   | Koninklijk besluit/Arrêté royal 11/05/2021   |  |

### 8.1.2. Recommended monitoring procedures

No additional information available

#### 8.1.3. Air contaminants formed

No additional information available

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#### 8.1.4. DNEL and PNEC

No additional information available

#### 8.1.5. Control banding

No additional information available

## 8.2. Exposure controls

#### 8.2.1. Appropriate engineering controls

#### Appropriate engineering controls:

Ensure good ventilation of the work station.

#### 8.2.2. Personal protection equipment

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







#### 8.2.2.1. Eye and face protection

#### Eye protection:

Safety glasses

#### 8.2.2.2. Skin protection

#### Skin and body protection:

Wear suitable protective clothing

#### Hand protection:

Protective gloves

| Hand protection |                      |                   |                |             |            |
|-----------------|----------------------|-------------------|----------------|-------------|------------|
| Туре            | Material             | Permeation        | Thickness (mm) | Penetration | Standard   |
|                 | Nitrile rubber (NBR) | 6 (> 480 minutes) | 0.35           |             | EN ISO 374 |

## 8.2.2.3. Respiratory protection

#### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

### 8.2.2.4. Thermal hazards

No additional information available

#### 8.2.3. Environmental exposure controls

#### **Environmental exposure controls:**

Avoid release to the environment.

# **SECTION 9: Physical and chemical properties**

## 9.1. Information on basic physical and chemical properties

Physical state : Liquid Colour Colourless. Appearance Aerosol. Odour characteristic. Odour threshold : Not available Melting point Not available Freezing point : Not available : -140 - 211 °C Boiling point

Flammability : Extremely flammable aerosol.

Explosive properties : Pressurised container: May burst if heated.

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Lower explosion limit : Not available Upper explosion limit : Not available < 61 °C Flash point Not available Auto-ignition temperature Decomposition temperature Not available Not available рΗ Viscosity, kinematic Not available Solubility Insoluble in water. Partition coefficient n-octanol/water (Log Kow) : Not available : 8530 hPa (20°C) Vapour pressure Vapour pressure at 50°C Not available Density : 0,8 kg/l (20°C) : Not available Relative density Relative vapour density at 20°C : Not available Particle characteristics : Not applicable

#### 9.2. Other information

#### 9.2.1. Information with regard to physical hazard classes

Explosion limits :  $\geq$  0,7 vol % 9.5 % of flammable ingredients : 86,78572 %

9.2.2. Other safety characteristics

VOC content : ≈ 84 %

# **SECTION 10: Stability and reactivity**

## 10.1. Reactivity

Extremely flammable aerosol. Pressurised container: May burst if heated.

### 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

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

## 10.5. Incompatible materials

Heat sources. Ignition sources. Strong acids. Strong bases.

### 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

LC50 Inhalation - Rat [ppm] > 800000 ppm (15 minutes, Rat, Male / female, Experimental value of similar product,

Inhalation (gases))

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|--|---|--|
| propane (74-98-6)  |   |  |
| LC50 Inhalation - Rat [ppm]  | > 800000 ppm (15 minutes, Rat, Male / female, Experimental value, Inhalation (gases))         |  |
| hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics  |   |  |
| LD50 dermal rat  | > 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)    |  |
| LD50 dermal rabbit   | ≥ 3160 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 402 (Acute Dermal Toxicity) |  |
| Skin corrosion/irritation  | : Not classified  |  |
| butane (106-97-8)  |   |  |
| рН   | No data available in the literature   |  |
| propane (74-98-6)  |   |  |
| pH   | No data available in the literature   |  |
| Serious eye damage/irritation  | : Not classified  |  |
| butane (106-97-8)  |   |  |
| рН   | No data available in the literature   |  |
| propane (74-98-6)  |   |  |
| рН   | No data available in the literature   |  |
| 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  |  |
| Soudal O1L   |   |  |
| Vaporizer  | Aerosol   |  |
| butane (106-97-8)  |   |  |
| Viscosity, kinematic   | No data available in the literature   |  |
| propane (74-98-6)  |   |  |
| Viscosity, kinematic   | No data available in the literature   |  |
| hydrocarbons, C10-C13, n-alkanes, isoal  | lkanes, cyclics, < 2% aromatics   |  |
| Viscosity, kinematic   | 0,8 – 2,1 mm²/s (20°C)  |  |
|  |   |  |

# 11.2. Information on other hazards

No additional information available

# **SECTION 12: Ecological information**

# 12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse

effects in the environment.

Hazardous to the aquatic environment, short-term

(acute)

: Not classified

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Hazardous to the aquatic environment, long-term : Not classified

(chronic)

Not rapidly degradable

| butane (106-97-8)    |  |  |
|----------------------|--|--|
| LC50 - Fish [1]      | 24,11 mg/l (ECOSAR, 96 h, Pisces, Fresh water, QSAR)       |  |
| EC50 96h - Algae [1] | 7,71 mg/l (ECOSAR v1.00, Algae, Fresh water, QSAR)         |  |
| propane (74-98-6)    |  |  |
| LC50 - Fish [1]      | 50 mg/l (96 h, Pisces, Fresh water, QSAR, Estimated value) |  |
| EC50 96h - Algae [1] | 12 mg/l (ECOSAR v1.00, Algae, Fresh water, QSAR)           |  |

# 12.2. Persistence and degradability

| butane (106-97-8)             |                                 |  |
|-------------------------------|---------------------------------|--|
| Persistence and degradability | Readily biodegradable in water. |  |
| propane (74-98-6)             |                                 |  |
| Persistence and degradability | Readily biodegradable in water. |  |

# 12.3. Bioaccumulative potential

| butane (106-97-8)                               |  |  |
|---|--|--|
| Partition coefficient n-octanol/water (Log Pow) | 2,8 (Experimental value, 20 °C)                  |  |
| Bioaccumulative potential                       | Low potential for bioaccumulation (Log Kow < 4). |  |
| propane (74-98-6)                               |  |  |
| Partition coefficient n-octanol/water (Log Pow) | 1,1 – 2,8 (Experimental value, 20 °C)            |  |
| Bioaccumulative potential                       | Low potential for bioaccumulation (Log Kow < 4). |  |

# 12.4. Mobility in soil

No additional information available

## 12.5. Results of PBT and vPvB assessment

| Soudal O1L   |  |  |
|--|--|--|
| The product does not meet the PBT and vPvB classification criteria |  |  |
| Component  |  |  |
| butane (106-97-8)  | 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 |  |
| propane (74-98-6)  | 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. Endocrine disrupting properties

No additional information available

# 12.7. Other adverse effects

No additional information available

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# **SECTION 13: Disposal considerations**

#### 13.1. Waste treatment methods

Waste treatment methods Sewage disposal recommendations

Ecological waste information

: Dispose of contents/container in accordance with licensed collector's sorting instructions.

: Do not discharge into drains or the environment.

: Avoid release to the environment.

European List of Waste (LoW, EC 2000/532) : 16 05 04\* - gases in pressure containers (including halons) containing dangerous

substances

20 01 29\* - detergents containing dangerous substances

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                               |  |
|-----------------------------------|--|-------------------------------------|-----------------------------------|-----------------------------------|--|
| 14.1. UN number or ID n           | umber  |                                     |                                   |                                   |  |
| UN 1950                           | UN 1950 UN 1950 UN 1950                                      |                                     | UN 1950                           | UN 1950                           |  |
| 14.2. UN proper shippin           | g name   |                                     |                                   |                                   |  |
| AEROSOLS                          | AEROSOLS   | Aerosols, flammable                 | AEROSOLS                          | AEROSOLS                          |  |
| Transport document descr          | iption   |                                     |                                   |                                   |  |
| UN 1950 AEROSOLS, 2.1,<br>(D)     | UN 1950 AEROSOLS, 2.1<br>(61°C c.c.)                         | UN 1950 Aerosols,<br>flammable, 2.1 | UN 1950 AEROSOLS, 2.1             | UN 1950 AEROSOLS, 2.1             |  |
| 14.3. Transport hazard o          | class(es)  |                                     |                                   |                                   |  |
| 2.1                               | 2.1  | 2.1                                 | 2.1                               | 2.1                               |  |
| *                                 | ***  | *                                   |                                   | 2                                 |  |
| 14.4. Packing group               |  |                                     |                                   |                                   |  |
| Not applicable                    | Not applicable   | Not applicable                      | Not applicable                    | Not applicable                    |  |
| 14.5. Environmental haz           | ards   |                                     |                                   |                                   |  |
| Dangerous for the environment: No | Dangerous for the<br>environment: No<br>Marine pollutant: No | Dangerous for the environment: No   | Dangerous for the environment: No | Dangerous for the environment: No |  |
| No supplementary information      | n available  |                                     | 1                                 | 1                                 |  |

# 14.6. Special precautions for user

#### **Overland transport**

Classification code (ADR) : 5F

Special provisions (ADR) : 190, 327, 344, 625

Limited quantities (ADR) : 11
Excepted quantities (ADR) : E0

Packing instructions (ADR) : P207, LP200 Special packing provisions (ADR) : PP87, RR6, L2

Mixed packing provisions (ADR) : MP9

Transport category (ADR) : 2

Special provisions for carriage - Packages (ADR) : V14

Special provisions for carriage - Loading, unloading : CV9, CV12

and handling (ADR)

Special provisions for carriage - Operation (ADR) : S2

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Tunnel restriction code (ADR) : D

## Transport by sea

Special provisions (IMDG) : 63, 190, 277, 327, 344, 381, 959

Packing instructions (IMDG) : P207, LP200
Special packing provisions (IMDG) : PP87, L2
EmS-No. (Fire) : F-D
EmS-No. (Spillage) : S-U
Stowage category (IMDG) : None
Stowage and handling (IMDG) : SW1, SW22
Segregation (IMDG) : SG69

#### Air transport

PCA Excepted quantities (IATA) : E0
PCA Limited quantities (IATA) : Y203
PCA limited quantity max net quantity (IATA) : 30kgG
PCA packing instructions (IATA) : 203
PCA max net quantity (IATA) : 75kg
CAO packing instructions (IATA) : 203
CAO max net quantity (IATA) : 150kg

Special provisions (IATA) : A145, A167, A802

ERG code (IATA) : 10L

#### **Inland waterway transport**

Classification code (ADN) : 5F

Special provisions (ADN) : 190, 327, 344, 625

Limited quantities (ADN) : 1 L

Excepted quantities (ADN) : E0

Equipment required (ADN) : PP, EX, A

Ventilation (ADN) : VE01, VE04

Number of blue cones/lights (ADN) : 1

#### Rail transport

Classification code (RID) : 5F

Special provisions (RID) : 190, 327, 344, 625

Limited quantities (RID) : 1L

Excepted quantities (RID) : E0

Packing instructions (RID) : P207, LP200

Mixed packing provisions (RID) : MP9
Transport category (RID) : 2
Special provisions for carriage – Packages (RID) : W14
Special provisions for carriage - Loading, unloading : CW9, CW12

and handling (RID)

Special packing provisions (RID)

Colis express (express parcels) (RID) : CE2 Hazard identification number (RID) : 23

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

Not applicable

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PP87, RR6, L2

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### **SECTION 15: Regulatory information**

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

#### 15.1.1. EU-Regulations

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

| EU restriction list (REACH Annex XVII) |   |   |
|--|---|---|
| Reference code                         | Applicable on   | Entry title or description  |
| 3(a)                                   | Soudal O1L  | Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 2.1 to 2.4, 2.6 and 2.7, 2.8 types A and B, 2.9, 2.10, 2.12, 2.13 categories 1 and 2, 2.14 categories 1 and 2, 2.15 types A to F          |
| 3(b)                                   | hydrocarbons, C10-C13,<br>n-alkanes, isoalkanes,<br>cyclics, < 2% aromatics | Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10 |

#### **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 (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

#### VOC Directive (2004/42)

VOC content : ≈ 84 %

# **Detergent Regulation (648/2004)**

| Labelling of contents  |      |  |
|------------------------|------|--|
| Component              | %    |  |
| aliphatic hydrocarbons | ≥30% |  |
| perfumes               |      |  |

#### **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 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)

#### 15.1.2. National regulations

No additional information available

# 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

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# **SECTION 16: Other information**

| Indication of changes |  |        |          |
|-----------------------|--|--------|----------|
| Section               | Changed item   | Change | Comments |
|                       | according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878 |        |          |

| Abbreviations and ac | ronyms:   |  |  |
|----------------------|---|--|--|
| 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)   |  |  |
| COD                  | Chemical oxygen demand (COD)  |  |  |
| DMEL                 | Derived Minimal Effect level  |  |  |
| DNEL                 | Derived-No Effect Level   |  |  |
| EC-No.               | European Community number   |  |  |
| EC50                 | Median effective concentration  |  |  |
| EN                   | European Standard   |  |  |
| 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  |  |  |
| NOAEC                | No-Observed Adverse Effect Concentration  |  |  |
| NOAEL                | No-Observed Adverse Effect Level  |  |  |
| NOEC                 | No-Observed Effect Concentration  |  |  |
| OECD                 | Organisation for Economic Co-operation and Development  |  |  |
| OEL                  | Occupational Exposure Limit   |  |  |
| PBT                  | Persistent Bioaccumulative Toxic  |  |  |
| PNEC                 | Predicted No-Effect Concentration   |  |  |
| RID                  | Regulations concerning the International Carriage of Dangerous Goods by Rail                    |  |  |
| SDS                  | Safety Data Sheet   |  |  |
| STP                  | Sewage treatment plant  |  |  |
| ThOD                 | Theoretical oxygen demand (ThOD)  |  |  |
| TLM                  | Median Tolerance Limit  |  |  |
| VOC                  | Volatile Organic Compounds  |  |  |
| CAS-No.              | Chemical Abstract Service number  |  |  |

# Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

| Abbreviations and acronyms: |  |  |
|-----------------------------|--|--|
| N.O.S.                      | Not Otherwise Specified                  |  |
| vPvB                        | Very Persistent and Very Bioaccumulative |  |
| ED                          | Endocrine disruptor                      |  |

| Full text of H- and EUH-statements: |   |  |
|-------------------------------------|---|--|
| Aerosol 1                           | Aerosol, Category 1                                   |  |
| Asp. Tox. 1                         | Aspiration hazard, Category 1                         |  |
| EUH066                              | Repeated exposure may cause skin dryness or cracking. |  |
| Flam. Gas 1A                        | Flammable gases, Category 1A                          |  |
| H220                                | Extremely flammable gas.                              |  |
| H222                                | Extremely flammable aerosol.                          |  |
| H229                                | Pressurised container: May burst if heated.           |  |
| H280                                | Contains gas under pressure; may explode if heated.   |  |
| H304                                | May be fatal if swallowed and enters airways.         |  |
| Press. Gas (Liq.)                   | Gases under pressure : Liquefied gas                  |  |

| Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP] |           |                       |
|--|-----------|-----------------------|
| Aerosol 1  | H222;H229 | On basis of test data |

Safety Data Sheet (SDS), EU-2023-1

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.