

# Alcohol Hand Gel

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830  
Date of issue: 4/2/2020 Revision date: 5/15/2020 Version: 1.24

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

#### 1.1. Product identifier

Product form : Mixture  
Product name : Alcohol Hand Gel  
Product group : Blend

#### 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  
Industrial/Professional use spec : For General Use  
Industrial & professional

##### 1.2.2. Uses advised against

No additional information available

### SECTION 2: Hazards identification

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

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

Not classified

##### 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) :



GHS02

Signal word (CLP) :

Warning

Hazard statements (CLP) :

H225 - \_H\_225\_EU.

# Alcohol Hand Gel

## Safety Data Sheet

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

### Precautionary statements (CLP)

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
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.  
P370+P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish. P403 +P235 Store in a well-ventilated place. Keep cool.  
P501 Dispose of contents/container in accordance with national regulations.

### 2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixture

| Name   | Product identifier   | %                  | Classification according to Regulation (EC) No. 1272/2008 [CLP]  |
|--|--|--------------------|--|
| ethanol, ethyl alcohol                       | (CAS No) 64-17-5<br>(EC no) 200-578-6<br>(EC index no) 603-002-00-5  | ≤ 79               | Flam. Liq. 2, H225   |
| 2-aminoethanol, ethanolamine                 | (CAS No) 141-43-5<br>(EC no) 205-483-3<br>(EC index no) 603-030-00-8 | 0.1 – 0.9          | Acute Tox. 4 (Oral), H302<br>Acute Tox. 4 (Dermal), H312<br>Acute Tox. 4<br>(Inhalation:dust,mist), H332<br>Skin Corr. 1B, H314<br>STOT SE 3, H335 |
| Glycerine                                    | (CAS No) 56-81-5<br>(EC no) 200-289-5                                | > 0.792            | Not classified   |
| Alcohols, C11-14-iso-, C13-rich, ethoxylated |  | 0.0028 –<br>0.1568 | Not classified   |
| Cyclohexane                                  | (CAS No) 110-82-7<br>(EC no) 203-806-2<br>(EC index no) 601-017-00-1 | 0.0028 –<br>0.0288 | Flam. Liq. 2, H225<br>Asp. Tox. 1, H304<br>Skin Irrit. 2, H315<br>STOT SE 3, H336<br>Aquatic Acute 1, H400<br>Aquatic Chronic 1, H410              |

### Specific concentration limits:

| Name                         | Product identifier   | Specific concentration limits |
|------------------------------|--|-------------------------------|
| 2-aminoethanol, ethanolamine | (CAS No) 141-43-5<br>(EC no) 205-483-3<br>(EC index no) 603-030-00-8 | ( 5 ≤C < 100) STOT SE 3, H335 |

Full text of H-phrases: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### First-aid measures general

: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

#### First-aid measures after inhalation

: Assure fresh air breathing. Allow the victim to rest.

# Alcohol Hand Gel

## Safety Data Sheet

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

|                                       |  |
|---------------------------------------|--|
| First-aid measures after skin contact | : Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing. Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. |
| First-aid measures after eye contact  | : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.   |
| First-aid measures after ingestion    | : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.   |

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

Symptoms/injuries : Not expected to present a significant hazard under anticipated conditions of normal use.

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

No additional information available

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

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

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

Fire hazard : Highly flammable liquid and vapour.  
Explosion hazard : May form flammable/explosive vapour-air mixture.

### 5.3. Advice for firefighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Avoid (reject) fire-fighting water to enter environment.  
Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

## SECTION 6: Accidental release measures

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

General measures : Remove ignition sources. Use special care to avoid static electric charges. No naked lights. No smoking.

#### 6.1.1. For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel.

#### 6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.  
Emergency procedures : Ventilate area.

### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

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

Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

### 6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Additional hazards when processed : Handle empty containers with care because residual vapours are flammable.

# Alcohol Hand Gel

## Safety Data Sheet

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

Precautions for safe handling : No naked lights. No smoking. Use only non-sparking tools. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour.

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

Technical measures : Proper grounding procedures to avoid static electricity should be followed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/... equipment.

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

Incompatible products : Strong bases. Strong acids.

Incompatible materials : Heat sources. Sources of ignition. Direct sunlight.

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

| ethanol, ethyl alcohol (64-17-5)  |                        |
|-----------------------------------|------------------------|
| EU - Occupational Exposure Limits |                        |
| IOELV TWA (mg/m <sup>3</sup> )    | 1920 mg/m <sup>3</sup> |
| IOELV TWA (ppm)                   | 1000 ppm               |

| Glycerine (56-81-5)               |  |
|-----------------------------------|--|
| EU - Occupational Exposure Limits |  |
| IOELV TWA (mg/m <sup>3</sup> )    | 10 mg/m <sup>3</sup> (EH40 WEL, Time Weighted Average (TWA)) |

| 2-aminoethanol, ethanolamine (141-43-5)       |                       |
|---|-----------------------|
| EU - Occupational Exposure Limits             |                       |
| IOELV TWA (mg/m <sup>3</sup> )                | 2.5 mg/m <sup>3</sup> |
| IOELV TWA (ppm)                               | 1 ppm                 |
| IOELV STEL (mg/m <sup>3</sup> )               | 7.6 mg/m <sup>3</sup> |
| IOELV STEL (ppm)                              | 3 ppm                 |
| United Kingdom - Occupational Exposure Limits |                       |
| WEL TWA (mg/m <sup>3</sup> )                  | 2.5                   |
| WEL TWA (ppm)                                 | 1                     |
| WEL STEL (mg/m <sup>3</sup> )                 | 7.6                   |
| WEL STEL (ppm)                                | 3 ppm                 |

### 8.2. Exposure controls

#### Personal protective equipment:

Avoid all unnecessary exposure.

#### Hand protection:

Wear protective gloves

# Alcohol Hand Gel

## Safety Data Sheet

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

### Eye protection:

Chemical goggles or safety glasses

### Respiratory protection:

Wear appropriate mask

### Other information:

Do not eat, drink or smoke during use.

## SECTION 9: Physical and chemical properties

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

|   |  |
|---|--|
| Physical state                                  | : Liquid   |
| Appearance                                      | : Clear, Colourless Gel.                             |
| Colour  | : clear.   |
| Odour   | : Alcohol like.                                      |
| Odour threshold                                 | : No data available                                  |
| pH  | : 5.5  |
| Relative evaporation rate (butylacetate=1)      | : No data available                                  |
| Melting point                                   | : No data available                                  |
| Freezing point                                  | : No data available                                  |
| Boiling point                                   | : No data available                                  |
| Flash point                                     | : 30.2 °C  |
| Self ignition temperature                       | : Not Self Igniting                                  |
| Decomposition temperature                       | : No data available                                  |
| Flammability (solid, gas)                       | : Highly flammable liquid and vapour, Non flammable. |
| Vapour pressure                                 | : No data available                                  |
| Relative vapour density at 20 °C                | : No data available                                  |
| Relative density                                | : No data available                                  |
| Density   | : 0.87 g/m <sup>3</sup>                              |
| Solubility                                      | : No data available                                  |
| Partition coefficient n-octanol/water (Log Pow) | : No data available                                  |
| Viscosity, kinematic                            | : 13218390804.598 mm <sup>2</sup> /s                 |
| Viscosity, dynamic                              | : 11500 cP   |
| Explosive properties                            | : No data available                                  |
| Oxidising properties                            | : No data available                                  |
| Explosive limits                                | : No data available                                  |

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No additional information available

### 10.2. Chemical stability

Highly flammable liquid and vapour. May form flammable/explosive vapour-air mixture. Not established.

### 10.3. Possibility of hazardous reactions

Not established.

### 10.4. Conditions to avoid

Open flame. Direct sunlight. Extremely high or low temperatures.

# Alcohol Hand Gel

## Safety Data Sheet

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

### 10.5. Incompatible materials

Strong acids. Strong bases.

### 10.6. Hazardous decomposition products

May release flammable gases. fume. Carbon monoxide. Carbon dioxide.

## 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

#### ethanol, ethyl alcohol (64-17-5)

|                            |               |
|----------------------------|---------------|
| LD50 oral rat              | 6200 mg/kg    |
| LC50 inhalation rat (mg/l) | 124.7 mg/l/4h |

#### Glycerine (56-81-5)

|                    |               |
|--------------------|---------------|
| LD50 oral rat      | 12600 mg/kg   |
| LD50 dermal rabbit | ≥ 10000 mg/kg |

#### 2-aminoethanol, ethanolamine (141-43-5)

|                            |                  |
|----------------------------|------------------|
| LD50 oral rat              | 200 – 2000 mg/kg |
| LD50 dermal rabbit         | 400 – 2000 mg/kg |
| LC50 inhalation rat (mg/l) | 1 – 5 mg/l/4h    |

Skin corrosion/irritation : Not classified  
pH: 5.5  
Additional information : Based on available data, the classification criteria are not met  
Serious eye damage/irritation : Not classified  
pH: 5.5  
Additional information : Based on available data, the classification criteria are not met  
Respiratory or skin sensitisation : Not classified  
Additional information : Based on available data, the classification criteria are not met  
Germ cell mutagenicity : Not classified  
Additional information : Based on available data, the classification criteria are not met  
Carcinogenicity : Not classified  
Additional information : Based on available data, the classification criteria are not met  
Reproductive toxicity : Not classified  
Additional information : Based on available data, the classification criteria are not met  
Specific target organ toxicity (single exposure) : Not classified  
Additional information : Based on available data, the classification criteria are not met  
Specific target organ toxicity (repeated exposure) : Not classified  
Additional information : Based on available data, the classification criteria are not met  
Aspiration hazard : Not classified  
Additional information : Based on available data, the classification criteria are not met

#### Alcohol Hand Gel

|                      |                                    |
|----------------------|------------------------------------|
| Viscosity, kinematic | 13218390804.598 mm <sup>2</sup> /s |
|----------------------|------------------------------------|

# Alcohol Hand Gel

## Safety Data Sheet

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

Potential Adverse human health effects and symptoms : Based on available data, the classification criteria are not met.

### SECTION 12: Ecological information

#### 12.1. Toxicity

Aquatic acute : Not classified  
Aquatic chronic : Not classified

| ethanol, ethyl alcohol (64-17-5) |   |
|----------------------------------|---|
| LC50 fishes 1                    | 8150 mg/l <i>Leuciscus idus</i> (Golden orfe) |
| EC50 Daphnia 1                   | 9268 – 14221 mg/l                             |

| Glycerine (56-81-5)            |   |
|--------------------------------|---|
| LC50 fishes 1                  | 54000 mg/l ( <i>Oncorhynchus mykiss</i> ; 96 hours)   |
| LC50 other aquatic organisms 1 | ( <i>Daphnia magna</i> ; 24 hours)                    |
| EC50 Daphnia 1                 | ≥ 10000 mg/l  |
| EC50 other aquatic organisms 1 | ≥ 1000 mg/l (activated sludge) (Toxicity to bacteria) |

| 2-aminoethanol, ethanolamine (141-43-5) |            |
|---|------------|
| LC50 fishes 1                           | > 100 mg/l |
| LC50 other aquatic organisms 1          | > 10 – 100 |
| EC50 Daphnia 1                          | > 10 – 100 |

#### 12.2. Persistence and degradability

| Alcohol Hand Gel              |                  |
|-------------------------------|------------------|
| Persistence and degradability | Not established. |

| ethanol, ethyl alcohol (64-17-5) |                        |
|----------------------------------|------------------------|
| Persistence and degradability    | Readily biodegradable. |

| Glycerine (56-81-5)             |                                    |
|---------------------------------|------------------------------------|
| Persistence and degradability   | Readily biodegradable.             |
| Biochemical oxygen demand (BOD) | 0.87 g O <sup>2</sup> /g substance |
| Chemical oxygen demand (COD)    | 1.16 g O <sup>2</sup> /g substance |
| Biodegradation                  | 82 % (Exposure Time: 20 d)         |

#### 12.3. Bioaccumulative potential

| Alcohol Hand Gel          |                  |
|---------------------------|------------------|
| Bioaccumulative potential | Not established. |

#### 12.4. Mobility in soil

No additional information available

#### 12.5. Results of PBT and vPvB assessment

No additional information available

# Alcohol Hand Gel

## Safety Data Sheet

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

### 12.6. Other adverse effects

Additional information : Avoid release to the environment

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Product/Packaging disposal recommendations : Dispose of contents/container to ... Dispose in a safe manner in accordance with local/national regulations.

Additional information : Handle empty containers with care because residual vapours are flammable.

Ecology - waste materials : Avoid release to the environment.

## SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA

### 14.1. UN number

UN-No. (ADR) : UN 1170

UN-No. (IMDG) : UN 1170

UN-No.(IATA) : UN 1170

UN-No.(ADN) : UN 1170

UN-No. (RID) : UN 1170

### 14.2. UN proper shipping name

Proper Shipping Name (ADR) : ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)

Proper Shipping Name (IMDG) : ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)

Proper Shipping Name (IATA) : ETHYL ALCOHOL SOLUTION

Proper Shipping Name (ADN) : ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)

Proper Shipping Name (RID) : ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)

Transport document description (ADR) : UN 1170 ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION), 3, III, (D/E)

Transport document description (IMDG) : UN 1170 ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION), 3, III

Transport document description (IATA) : UN 1170 ETHYL ALCOHOL SOLUTION, 3, III

Transport document description (ADN) : UN 1170 ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION), 3, III

Transport document description (RID) : UN 1170 ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION), 3, III

### 14.3. Transport hazard class(es)

#### ADR

Transport hazard class(es) (ADR) : 3

Danger labels (ADR) : 3



#### IMDG

Transport hazard class(es) (IMDG) : 3

Danger labels (IMDG) : 3



#### IATA

Transport hazard class(es) (IATA) : 3

Hazard labels (IATA) : 3



# Alcohol Hand Gel

## Safety Data Sheet

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



### ADN

Transport hazard class(es) (ADN) : 3  
Danger labels (ADN) : 3



### RID

Transport hazard class(es) (RID) : 3  
Danger labels (RID) : 3



## 14.4. Packing group

Packing group (ADR) : III  
Packing group (IMDG) : III  
Packing group (IATA) : III  
Packing group (ADN) : III  
Packing group (RID) : III

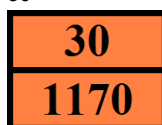
## 14.5. Environmental hazards

Dangerous for the environment : No  
Marine pollutant : No  
Other information : No supplementary information available

## 14.6. Special precautions for user

### Overland transport

Classification code (ADR) : F1  
Special provision (ADR) : 144, 601  
Limited quantities (ADR) : 5L  
Excepted quantities (ADR) : E1  
Packing instructions (ADR) : P001, IBC03, LP01, R001  
Mixed packing provisions (ADR) : MP19  
Mixed Portable tank and bulk container instructions (ADR) : T2  
Mixed Portable tank and bulk container special provisions (ADR) : TP1  
ADR tank codes (ADR) : LGBF  
Vehicle for tank carriage : FL  
Transport category (ADR) : 3  
Special provisions for carriage - Packages (ADR) : V12  
Special provisions for carriage - Operation (ADR) : S2  
Hazard identification number (Kemler No.) : 30  
Orange plates :



Tunnel restriction code (ADR) : D/E  
EAC code : •2YE

### Transport by sea

Special provision (IMDG) : 144, 223

# Alcohol Hand Gel

## Safety Data Sheet

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

|                                 |              |
|---------------------------------|--------------|
| Limited quantities (IMDG)       | : 5 L        |
| Excepted quantities (IMDG)      | : E1         |
| Packing instructions (IMDG)     | : P001, LP01 |
| IBC packing instructions (IMDG) | : IBC03      |
| Tank instructions (IMDG)        | : T2         |
| Tank special provisions (IMDG)  | : TP1        |
| EmS-No. (Fire)                  | : F-E        |
| EmS-No. (Spillage)              | : S-D        |
| Stowage category (IMDG)         | : A          |

### Air transport

|  |                 |
|--|-----------------|
| PCA Excepted quantities (IATA)               | : E1            |
| PCA Limited quantities (IATA)                | : Y344          |
| PCA limited quantity max net quantity (IATA) | : 10L           |
| PCA packing instructions (IATA)              | : 355           |
| PCA max net quantity (IATA)                  | : 60L           |
| CAO packing instructions (IATA)              | : 366           |
| CAO max net quantity (IATA)                  | : 220L          |
| Special provision (IATA)                     | : A3, A58, A180 |
| ERG code (IATA)                              | : 3L            |

### Inland waterway transport

|                                   |             |
|-----------------------------------|-------------|
| Classification code (ADN)         | : F1        |
| Special provision (ADN)           | : 144, 601  |
| Limited quantities (ADN)          | : 5 L       |
| Excepted quantities (ADN)         | : E1        |
| Equipment required (ADN)          | : PP, EX, A |
| Ventilation (ADN)                 | : VE01      |
| Number of blue cones/lights (ADN) | : 0         |

### Rail transport

|   |                           |
|---|---------------------------|
| Classification code (RID)                                 | : F1                      |
| Special provision (RID)                                   | : 144, 601                |
| Limited quantities (RID)                                  | : 5L                      |
| Excepted quantities (RID)                                 | : E1                      |
| Packing instructions (RID)                                | : P001, IBC03, LP01, R001 |
| Mixed packing provisions (RID)                            | : MP19                    |
| Portable tank and bulk container instructions (RID)       | : T2                      |
| Portable tank and bulk container special provisions (RID) | : TP1                     |
| Tank codes for RID tanks (RID)                            | : LGBF                    |
| Transport category (RID)                                  | : 3                       |
| Special provisions for carriage – Packages (RID)          | : W12                     |
| Colis express (express parcels) (RID)                     | : CE4                     |
| Hazard identification number (RID)                        | : 30                      |

## 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 substances with Annex XVII restrictions

Contains no REACH candidate substance

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.

#### 15.1.2. National regulations

No additional information available

# Alcohol Hand Gel

## Safety Data Sheet

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

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

### SECTION 16: Other information

Data sources : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Other information : None.

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

Not classified

#### Full text of H- and EUH-phrases:

|                                     |  |
|-------------------------------------|--|
| Acute Tox. 4 (Dermal)               | Acute toxicity (dermal), Category 4  |
| Acute Tox. 4 (Inhalation:dust,mist) | Acute toxicity (inhalation:dust,mist) Category 4   |
| Acute Tox. 4 (Oral)                 | Acute toxicity (oral), Category 4  |
| Aquatic Acute 1                     | Hazardous to the aquatic environment — AcuteHazard, Category 1                             |
| Aquatic Chronic 1                   | Hazardous to the aquatic environment — Chronic Hazard, Category 1                          |
| Asp. Tox. 1                         | Aspiration hazard, Category 1  |
| Flam. Liq. 2                        | Flammable liquids, Category 2  |
| Skin Corr. 1B                       | Skin corrosion/irritation, Category 1B   |
| Skin Irrit. 2                       | Skin corrosion/irritation, Category 2  |
| STOT SE 3                           | Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation |
| STOT SE 3                           | Specific target organ toxicity — Single exposure, Category 3, Narcosis                     |
| H225                                | _H_225_EU  |
| H302                                | _H_302_EU  |
| H304                                | _H_304_EU  |
| H312                                | _H_312_EU  |
| H314                                | _H_314_3_EU  |
| H315                                | _H_315_EU  |
| H332                                | _H_332_EU  |
| H335                                | _H_335_EU  |
| H336                                | _H_336_EU  |
| H400                                | _H_400_EU  |
| H410                                | _H_410_EU  |

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