



# PRE - Pre Coating Degreaser

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878  
Issue date: 3/20/2025 Revision date: 3/21/2025 Supersedes version of: 3/21/2025 Version: 4.0

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

#### 1.1. Product identifier

Product form : Mixture  
Trade name : PRE - Pre Coating Degreaser  
UFI : 5UWG-8785-UK0Q-7N73  
Product code : 00633  
Product group : Trade product

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

##### Relevant identified uses

Intended for general public  
Main use category : Consumer use  
Use of the substance/mixture : Degreaser  
Use of the substance/mixture : Paints/coatings - Protective and functional

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

##### Manufacturer

Brands Alliance s.r.o. Ltd  
Pri Šajbách 1  
SK 831 06 Bratislava  
T +421244871700  
[msds@brandsalliance.eu](mailto:msds@brandsalliance.eu), [www.brandsalliance.eu](http://www.brandsalliance.eu)

##### Distributor

AENSO UK LTD  
Chandos House  
School Lane  
GB MK18 1HD Buckingham  
T +441280703163

#### 1.4. Emergency telephone number

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

To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.

#### 2.2. Label elements

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

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

#### 2.3. Other hazards

Contains no PBT and/or vPvB substances  $\geq 0.1\%$  assessed in accordance with REACH 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 %

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### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

| Name                                                                                                       | Product identifier                                                  | %       | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|---------|-----------------------------------------------------------------|
| Ethanol; Ethyl alcohol<br>substance with national workplace exposure limit(s)<br>(DE, GB, NL, PL, SK)      | CAS-No.: 64-17-5<br>EC-No.: 200-578-6<br>EC Index-No.: 603-002-00-5 | 10 – 30 | Flam. Liq. 2, H225                                              |
| Isopropyl alcohol<br>substance with national workplace exposure limit(s)<br>(DE, GB, PL, SI, SK)           | CAS-No.: 67-63-0<br>EC-No.: 200-661-7<br>EC Index-No.: 603-117-00-0 | 1 – 5   | Flam. Liq. 1, H224<br>Eye Irrit. 2, H319<br>STOT SE 3, H336     |
| Dipropylene glycol methyl ether<br>substance with national workplace exposure limit(s)<br>(GB, NL, PL, SK) | CAS-No.: 34590-94-8<br>EC-No.: 252-104-2                            | 1 – 5   | Acute Tox. 4 (Inhalation:dust,mist), H332                       |

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 general            | : If you feel unwell, seek medical advice.                                        |
| 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.                            |
| First-aid measures for first aider    | : First aid workers will be equipped with suitable personal protective equipment. |

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

|                                     |                                 |
|-------------------------------------|---------------------------------|
| Symptoms/effects after inhalation   | : None under normal conditions. |
| Symptoms/effects after skin contact | : None under normal conditions. |
| Symptoms/effects after eye contact  | : None under normal conditions. |
| Symptoms/effects after ingestion    | : None under normal conditions. |

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

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

|                                                  |                                |
|--------------------------------------------------|--------------------------------|
| Fire hazard                                      | : No fire hazard.              |
| Explosion hazard                                 | : No direct explosion hazard.  |
| Hazardous decomposition products in case of fire | : Toxic fumes may be released. |

#### 5.3. Advice for firefighters

|                                |                                                                                                                                                       |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Firefighting instructions      | : Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection. |
| Protection during firefighting | : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.              |

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### SECTION 6: Accidental release measures

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

General measures : Stop leak if safe to do so. Notify authorities if product enters sewers or public waters.  
Absorb spillage to prevent material damage.

##### For non-emergency personnel

Protective equipment : Wear recommended personal protective equipment.  
Emergency procedures : Ventilate spillage area.

##### 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".  
Emergency procedures : Evacuate unnecessary personnel. Stop leak if safe to do so.

#### 6.2. Environmental precautions

Avoid release to the environment.

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

For containment : Absorb spilled material with sand or earth. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak without risks if possible.  
Methods for cleaning up : Take up liquid spill into absorbent material.  
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

Additional hazards when processed : Not expected to present a significant hazard under anticipated conditions of normal use.  
Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment.  
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

Technical measures : Keep in a cool, well-ventilated place away from heat.  
Storage conditions : Keep cool. Protect from sunlight.  
Packaging materials : Store always product in container of same material as original container.

#### 7.3. Specific end use(s)

No additional information available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

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

| Ethanol; Ethyl alcohol (64-17-5)              |                        |
|-----------------------------------------------|------------------------|
| United Kingdom - Occupational Exposure Limits |                        |
| Local name                                    | Ethanol                |
| WEL TWA (OEL TWA)                             | 1920 mg/m <sup>3</sup> |
|                                               | 1000 ppm               |

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### Ethanol; Ethyl alcohol (64-17-5)

|                      |                                       |
|----------------------|---------------------------------------|
| Regulatory reference | EH40/2005 (Fourth edition, 2020). HSE |
|----------------------|---------------------------------------|

### Isopropyl alcohol (67-63-0)

#### United Kingdom - Occupational Exposure Limits

|                      |                                       |
|----------------------|---------------------------------------|
| Local name           | Propan-2-ol                           |
| WEL TWA (OEL TWA)    | 999 mg/m <sup>3</sup>                 |
|                      | 400 ppm                               |
| WEL STEL (OEL STEL)  | 1250 mg/m <sup>3</sup>                |
|                      | 500 ppm                               |
| Regulatory reference | EH40/2005 (Fourth edition, 2020). HSE |

### Dipropylene glycol methyl ether (34590-94-8)

#### United Kingdom - Occupational Exposure Limits

|                      |                                                                                                                                                             |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Local name           | (2-methoxymethylethoxy) propanol                                                                                                                            |
| WEL TWA (OEL TWA)    | 308 mg/m <sup>3</sup>                                                                                                                                       |
|                      | 50 ppm                                                                                                                                                      |
| Remark               | Sk (Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity) |
| Regulatory reference | EH40/2005 (Fourth edition, 2020). HSE                                                                                                                       |

## 8.2. Exposure controls

### Appropriate engineering controls

#### Appropriate engineering controls:

Ensure good ventilation of the work station.

### Personal protection equipment

#### Personal protective equipment:

Safety glasses.

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



### Eye and face protection

#### Eye protection:

Safety glasses

### Skin protection

#### Skin and body protection:

Wear suitable protective clothing

### Hand protection:

Protective gloves

### Hand protection

| Type              | Material                                         | Permeation        | Thickness (mm) | Penetration | Standard                                 |
|-------------------|--------------------------------------------------|-------------------|----------------|-------------|------------------------------------------|
| Disposable gloves | Nitrile rubber (NBR),<br>Chloroprene rubber (CR) | 6 (> 480 minutes) | 0,4-0,7        |             | EN 374-2, EN<br>ISO 374, EN ISO<br>374-1 |

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### Respiratory protection

#### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

### 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                                          | : dark green.       |
| Appearance                                      | : Liquid.           |
| Odour                                           | : Fruity.           |
| Odour threshold                                 | : Not available     |
| Melting point                                   | : Not applicable    |
| Freezing point                                  | : < -20 °C          |
| Boiling point                                   | : Not available     |
| Flammability                                    | : Non flammable.    |
| Lower explosion limit                           | : Not available     |
| Upper explosion limit                           | : Not available     |
| Flash point                                     | : Not available     |
| Auto-ignition temperature                       | : Not available     |
| Decomposition temperature                       | : Not available     |
| pH                                              | : ≈ 7               |
| Viscosity, kinematic                            | : Not available     |
| Solubility                                      | : Soluble in water. |
| Partition coefficient n-octanol/water (Log Kow) | : Not available     |
| Vapour pressure                                 | : Not available     |
| Vapour pressure at 50°C                         | : Not available     |
| Density                                         | : Not available     |
| Relative density                                | : Not available     |
| Relative vapour density at 20°C                 | : Not available     |
| Particle characteristics                        | : Not applicable    |

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 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

None under recommended storage and handling conditions (see section 7).

### 10.5. Incompatible materials

No additional information available

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### 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

#### Ethanol; Ethyl alcohol (64-17-5)

|               |                                                                                                                                    |
|---------------|------------------------------------------------------------------------------------------------------------------------------------|
| LD50 oral rat | 15010 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 401 (Acute Oral Toxicity), 95% CL: 14450 - 15560 |
| LD50 oral     | 8300 mg/kg bodyweight Animal: mouse                                                                                                |

#### Isopropyl alcohol (67-63-0)

|                    |                                                                            |
|--------------------|----------------------------------------------------------------------------|
| LD50 oral rat      | 5840 mg/l Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity) |
| LD50 oral          | 4384 mg/kg                                                                 |
| LD50 dermal rabbit | 16400 mg/kg Source: ECHA                                                   |
| LD50 dermal        | 4000 mg/kg                                                                 |

#### Dipropylene glycol methyl ether (34590-94-8)

|                       |                                                                                                               |
|-----------------------|---------------------------------------------------------------------------------------------------------------|
| LD50 oral rat         | > 5000 mg/l Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity)                                  |
| LD50 dermal rat       | > 19020 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)                   |
| LD50 dermal rabbit    | 9510 mg/kg bodyweight Animal: rabbit, Animal sex: male, Guideline: OECD Guideline 402 (Acute Dermal Toxicity) |
| LC50 Inhalation - Rat | > 3000 mg/m <sup>3</sup> Source: ECHA                                                                         |

Skin corrosion/irritation : Not classified  
pH: ≈ 7

#### Ethanol; Ethyl alcohol (64-17-5)

|    |                        |
|----|------------------------|
| pH | 7 Source: chemicalbook |
|----|------------------------|

Serious eye damage/irritation : Not classified  
pH: ≈ 7

#### Ethanol; Ethyl alcohol (64-17-5)

|    |                        |
|----|------------------------|
| pH | 7 Source: chemicalbook |
|----|------------------------|

Respiratory or skin sensitisation : Not classified  
Germ cell mutagenicity : Not classified  
Carcinogenicity : Not classified

#### Ethanol; Ethyl alcohol (64-17-5)

|            |                            |
|------------|----------------------------|
| IARC group | 1 - Carcinogenic to humans |
|------------|----------------------------|

#### Isopropyl alcohol (67-63-0)

|            |                      |
|------------|----------------------|
| IARC group | 3 - Not classifiable |
|------------|----------------------|

Reproductive toxicity : Not classified  
STOT-single exposure : Not classified

#### Isopropyl alcohol (67-63-0)

|                      |                                    |
|----------------------|------------------------------------|
| STOT-single exposure | May cause drowsiness or dizziness. |
|----------------------|------------------------------------|

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STOT-repeated exposure : Not classified

| Ethanol; Ethyl alcohol (64-17-5)                 |                                                                                                                            |
|--------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| NOAEL (subchronic, oral, animal/male, 90 days)   | < 9700 mg/kg bodyweight Animal: mouse, Animal sex: male, Guideline: EPA OPPTS 870.3100 (90-Day Oral Toxicity in Rodents)   |
| NOAEL (subchronic, oral, animal/female, 90 days) | > 9400 mg/kg bodyweight Animal: mouse, Animal sex: female, Guideline: EPA OPPTS 870.3100 (90-Day Oral Toxicity in Rodents) |

| Dipropylene glycol methyl ether (34590-94-8) |                                                                                                                                  |
|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| NOAEL (oral, rat, 90 days)                   | 1000 mg/kg bodyweight Animal: rat, Guideline: other:KANPOGYO No.700, YAKUHATSU No. 1039.61, and KIKYKU No. 1014.                 |
| NOAEL (dermal, rat/rabbit, 90 days)          | 2850 mg/kg bodyweight Animal: rabbit, Animal sex: male, Guideline: OECD Guideline 411 (Subchronic Dermal Toxicity: 90-Day Study) |

Aspiration hazard : Not classified

### 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

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

| Ethanol; Ethyl alcohol (64-17-5) |                                                                  |
|----------------------------------|------------------------------------------------------------------|
| LC50 - Fish [1]                  | 14.2 g/l Test organisms (species): Pimephales promelas           |
| EC50 - Crustacea [1]             | 5463 mg/l                                                        |
| ErC50 algae                      | 1000 mg/l                                                        |
| NOEC (chronic)                   | 9.6 mg/l Test organisms (species): Daphnia magna Duration: '9 d' |
| NOEC chronic crustacea           | 9.6 mg/l                                                         |

| Isopropyl alcohol (67-63-0) |                                                          |
|-----------------------------|----------------------------------------------------------|
| LC50 - Fish [1]             | 10000 mg/l Test organisms (species): Pimephales promelas |
| LC50 - Fish [2]             | 9640 mg/l Test organisms (species): Pimephales promelas  |
| EC50 - Crustacea [1]        | 3025 mg/l                                                |

| Dipropylene glycol methyl ether (34590-94-8) |                                                                                                                                            |
|----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| LC50 - Fish [1]                              | > 1000 mg/l Test organisms (species): Poecilia reticulata                                                                                  |
| EC50 - Other aquatic organisms [1]           | 1930 mg/l Test organisms (species): other aquatic crustacea: Acartia tonsa                                                                 |
| EC50 72h - Algae [1]                         | > 969 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum) |
| EC50 96h - Algae [1]                         | > 969 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum) |
| LOEC (chronic)                               | 0.5 mg/l Test organisms (species): Daphnia magna Duration: '22 d'                                                                          |
| NOEC (chronic)                               | ≥ 0.5 mg/l Test organisms (species): Daphnia magna Duration: '22 d'                                                                        |

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### 12.2. Persistence and degradability

#### PRE - Pre Coating Degreaser

|                               |                        |
|-------------------------------|------------------------|
| Persistence and degradability | Not rapidly degradable |
|-------------------------------|------------------------|

#### Ethanol; Ethyl alcohol (64-17-5)

|                               |                    |
|-------------------------------|--------------------|
| Persistence and degradability | Rapidly degradable |
|-------------------------------|--------------------|

#### Isopropyl alcohol (67-63-0)

|                               |                    |
|-------------------------------|--------------------|
| Persistence and degradability | Rapidly degradable |
|-------------------------------|--------------------|

#### Dipropylene glycol methyl ether (34590-94-8)

|                               |                        |
|-------------------------------|------------------------|
| Persistence and degradability | Not rapidly degradable |
|-------------------------------|------------------------|

### 12.3. Bioaccumulative potential

#### Ethanol; Ethyl alcohol (64-17-5)

|                                                 |                    |
|-------------------------------------------------|--------------------|
| Partition coefficient n-octanol/water (Log Pow) | -0.32 Source: ICSC |
|-------------------------------------------------|--------------------|

#### Isopropyl alcohol (67-63-0)

|                                                 |                   |
|-------------------------------------------------|-------------------|
| Partition coefficient n-octanol/water (Log Pow) | 0.05 Source: ICSC |
|-------------------------------------------------|-------------------|

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Endocrine disrupting properties

No additional information available

### 12.7. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

|                                            |                                                                                               |
|--------------------------------------------|-----------------------------------------------------------------------------------------------|
| Regional waste regulation                  | : Disposal must be done according to official regulations.                                    |
| Waste treatment methods                    | : Dispose of contents/container in accordance with licensed collector's sorting instructions. |
| Sewage disposal recommendations            | : Disposal must be done according to official regulations.                                    |
| Product/Packaging disposal recommendations | : Disposal must be done according to official regulations.                                    |
| Additional information                     | : Do not re-use empty containers.                                                             |

## SECTION 14: Transport information

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

| ADR                                  | IMDG          | IATA          | ADN           | RID           |
|--------------------------------------|---------------|---------------|---------------|---------------|
| <b>14.1. UN number or ID number</b>  |               |               |               |               |
| Not regulated for transport          |               |               |               |               |
| <b>14.2. UN proper shipping name</b> |               |               |               |               |
| Not regulated                        | Not regulated | Not regulated | Not regulated | Not regulated |

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| ADR                                     | IMDG          | IATA          | ADN           | RID           |
|-----------------------------------------|---------------|---------------|---------------|---------------|
| <b>14.3. Transport hazard class(es)</b> |               |               |               |               |
| Not regulated                           | Not regulated | Not regulated | Not regulated | Not regulated |
| <b>14.4. Packing group</b>              |               |               |               |               |
| Not regulated                           | Not regulated | Not regulated | Not regulated | Not regulated |
| <b>14.5. Environmental hazards</b>      |               |               |               |               |
| Not regulated                           | Not regulated | Not regulated | Not regulated | Not regulated |
| No supplementary information available  |               |               |               |               |

### 14.6. Special precautions for user

#### Overland transport

Not regulated

#### Transport by sea

Not regulated

#### Air transport

Not regulated

#### Inland waterway transport

Not regulated

#### Rail transport

Not regulated

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

Not applicable

## SECTION 15: Regulatory information

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

#### EU-Regulations

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

| EU restriction list (REACH Annex XVII) |                                                        |                                                                                                                                                                                                                                                                                                                   |
|----------------------------------------|--------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reference code                         | Applicable on                                          | Entry title or description                                                                                                                                                                                                                                                                                        |
| 3(a)                                   | Ethanol; Ethyl alcohol ;<br>Isopropyl alcohol          | 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)                                   | Isopropyl alcohol ;<br>Dipropylene glycol methyl ether | 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)

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### POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

### Ozone Regulation (2024/590)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 2024/590 on substances that deplete the ozone layer)

### Council Regulation (EC) for the control of dual-use items

Contains no substance subject to the COUNCIL REGULATION (EC) for the control of dual-use items

### 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 no 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)

## 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

| Abbreviations and acronyms: |                                                                                                 |
|-----------------------------|-------------------------------------------------------------------------------------------------|
| ACGIH                       | American Conference of Government Industrial Hygienists                                         |
| 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)                                                                 |
| CAS-No.                     | Chemical Abstract Service number                                                                |
| CLP                         | Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008                     |
| COD                         | Chemical oxygen demand (COD)                                                                    |
| CSA                         | Chemical safety assessment                                                                      |
| DMEL                        | Derived Minimal Effect level                                                                    |
| DNEL                        | Derived-No Effect Level                                                                         |
| EC-No.                      | European Community number                                                                       |
| EC50                        | Median effective concentration                                                                  |
| ED                          | Endocrine disruptor                                                                             |
| EN                          | European Standard                                                                               |
| EWC                         | European waste catalogue                                                                        |
| 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                                                            |
| Log Kow                     | Partition coefficient n-octanol/water (Log Kow)                                                 |

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| Abbreviations and acronyms: |                                                                              |
|-----------------------------|------------------------------------------------------------------------------|
| Log Pow                     | Partition coefficient n-octanol/water (Log Pow)                              |
| MAK                         | maximum workplace concentration                                              |
| NOAEC                       | No-Observed Adverse Effect Concentration                                     |
| NOAEL                       | No-Observed Adverse Effect Level                                             |
| NOEC                        | No-Observed Effect Concentration                                             |
| N.O.S.                      | Not Otherwise Specified                                                      |
| OECD                        | Organisation for Economic Co-operation and Development                       |
| OEL                         | Occupational Exposure Limit                                                  |
| OSHA                        | Occupational Safety Health Administration                                    |
| PBT                         | Persistent Bioaccumulative Toxic                                             |
| PNEC                        | Predicted No-Effect Concentration                                            |
| PPE                         | Personal protection equipment                                                |
| RID                         | Regulations concerning the International Carriage of Dangerous Goods by Rail |
| SDS                         | Safety Data Sheet                                                            |
| STP                         | Sewage treatment plant                                                       |
| TF                          | Technical function                                                           |
| ThOD                        | Theoretical oxygen demand (ThOD)                                             |
| TLM                         | Median Tolerance Limit                                                       |
| TWA                         | Time Weighted Average                                                        |
| VOC                         | Volatile Organic Compounds                                                   |
| vPvB                        | Very Persistent and Very Bioaccumulative                                     |
| UFI                         | Unique Formula Identifier                                                    |

| Full text of H- and EUH-statements:    |                                                                        |
|----------------------------------------|------------------------------------------------------------------------|
| Acute Tox. 4<br>(Inhalation:dust,mist) | Acute toxicity (inhalation:dust,mist) Category 4                       |
| Eye Irrit. 2                           | Serious eye damage/eye irritation, Category 2                          |
| Flam. Liq. 1                           | Flammable liquids, Category 1                                          |
| Flam. Liq. 2                           | Flammable liquids, Category 2                                          |
| STOT SE 3                              | Specific target organ toxicity – Single exposure, Category 3, Narcosis |
| H224                                   | Extremely flammable liquid and vapour.                                 |
| H225                                   | Highly flammable liquid and vapour.                                    |
| H319                                   | Causes serious eye irritation.                                         |
| H332                                   | Harmful if inhaled.                                                    |
| H336                                   | May cause drowsiness or dizziness.                                     |

Safety Data Sheet (SDS), EU

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.