

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

### 1.1. Product identifier

Product form : Mixture  
Product name : Grundreiniger Universal  
Type of product : Detergent

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

#### 1.2.1. Relevant identified uses

Intended for general public  
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

Planol GmbH + Co. KG  
Maybachstr. 17  
DE 63456 Hanau  
T +49 (0) 6181 94570-10, F +49 (0) 6181 94570-29  
[info@planol.de](mailto:info@planol.de), [www.planol.de](http://www.planol.de)  
E-mail address of competent person responsible for the SDS: sds@gbk-ingelheim.de

### 1.4. Emergency telephone number

Emergency number : +49 (0) 6132 / 84463 (GBK GmbH)

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

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

Serious eye damage/eye irritation, Category 1 H318  
Full text of H- and EUH-statements: see section 16

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

Causes serious eye damage.

### 2.2. Label elements

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

Hazard pictograms (CLP) :



GHS05

Signal word (CLP) : Danger  
Contains : 2-phenoxyethanol

Hazard statements (CLP) : H318 - Causes serious eye damage.  
Precautionary statements (CLP) : P101 - If medical advice is needed, have product container or label at hand.  
P102 - Keep out of reach of children.  
P103 - Read carefully and follow all instructions.  
P280 - Wear protective gloves, protective clothing, eye protection, face protection.  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P310 - Immediately call a doctor, a POISON CENTER.

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|                           |   |
|---------------------------|---|
| EUH-statements            | : EUH208 - Contains cinnamaldehyde. May produce an allergic reaction. |
| Child-resistant fastening | : Not applicable  |
| Tactile warning           | : Not applicable  |

### 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 %

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

| Name   | Product identifier  | %                | Classification according to Regulation (EC) No. 1272/2008 [CLP]   |
|--|---|------------------|---|
| 2-phenoxyethanol   | CAS-No.: 122-99-6<br>EC-No.: 204-589-7<br>EC Index-No.: 603-098-00-9<br>REACH-no: 01-2119488943-21  | $\geq 10 - < 15$ | Acute Tox. 4 (Oral), H302 (ATE=1394 mg/kg bodyweight)<br>STOT SE 3, H335<br>Eye Dam. 1, H318                        |
| 2-(2-butoxyethoxy)ethanol<br>Substance with a Community workplace exposure limit | CAS-No.: 112-34-5<br>EC-No.: 203-961-6<br>EC Index-No.: 603-096-00-8<br>REACH-no: 01-2119475104-44  | $\geq 5 - < 10$  | Eye Irrit. 2, H319  |
| Sodium cumenesulfonate   | CAS-No.: 15763-76-5<br>EC-No.: 239-854-6<br>REACH-no: 01-2119489411-37                              | $\geq 3 - < 5$   | Eye Irrit. 2, H319  |
| Fatty alcohol alkoxylates  | CAS-No.: 111905-53-4  | $\geq 3 - < 5$   | Acute Tox. 4 (Oral), H302 (ATE=500 mg/kg)<br>Eye Irrit. 2, H319<br>Aquatic Acute 1, H400<br>Aquatic Chronic 3, H412 |
| 3-butoxypropan-2-ol  | CAS-No.: 5131-66-8<br>EC-No.: 225-878-4<br>EC Index-No.: 603-052-00-8<br>REACH-no: 01-2119475527-28 | $\geq 3 - < 5$   | Eye Irrit. 2, H319<br>Skin Irrit. 2, H315   |

### Specific concentration limits:

| Name                | Product identifier  | Specific concentration limits (%)   |
|---------------------|---|---|
| 3-butoxypropan-2-ol | CAS-No.: 5131-66-8<br>EC-No.: 225-878-4<br>EC Index-No.: 603-052-00-8<br>REACH-no: 01-2119475527-28 | (20 $\leq$ C $\leq$ 100) Skin Irrit. 2; H315<br>(20 $\leq$ C $\leq$ 100) Eye Irrit. 2; H319 |

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

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### 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 cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately. |
| 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 eye contact | : Serious damage to eyes. |
|------------------------------------|---------------------------|

#### 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 solid water stream as it may scatter and spread fire. |

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

|  |   |
|--|---|
| Explosion hazard                                 | : Product is not explosive.                             |
| Hazardous decomposition products in case of fire | : Toxic fumes may be released. Carbon oxides (CO, CO2). |

#### 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. Contain the extinguishing fluids by bunding. Do not allow run-off from fire fighting to enter drains or water courses. |
| 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

|                  |  |
|------------------|--|
| General measures | : Avoid contact with eyes, skin or mucous membrane. Evacuate the danger area. Evacuate personnel to a safe area. Stop leak if safe to do so. Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material damage. |
|------------------|--|

##### 6.1.1. For non-emergency personnel

|                      |  |
|----------------------|--|
| Protective equipment | : Wear recommended personal protective equipment.            |
| Emergency procedures | : Ventilate spillage area. Avoid contact with skin and eyes. |

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

#### 6.2. Environmental precautions

Avoid release to the environment. Do not allow to enter drains or water courses.

#### 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.   |

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

### 6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". For further information refer to section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

|                                   |  |
|-----------------------------------|--|
| Additional hazards when processed | : Avoid contact with eyes, skin or mucous membrane.  |
| Precautions for safe handling     | : Ensure good ventilation of the work station. Avoid contact with skin and eyes. 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.   |
| Information on mixed storage | : Keep away from food, drink and animal feeding stuffs.                     |
| Storage area                 | : Keep out of frost. Store in tightly closed, leak-proof containers.        |
| Packaging materials          | : Store always product in container of same material as original container. |

### 7.3. Specific end use(s)

See Section 1.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

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

| 2-(2-butoxyethoxy)ethanol (112-34-5)               |                                 |
|--|---------------------------------|
| EU - Indicative Occupational Exposure Limit (IOEL) |                                 |
| Local name   | 2-(2-Butoxyethoxy)ethanol       |
| IOEL TWA   | 67.5 mg/m <sup>3</sup>          |
|  | 10 ppm                          |
| IOEL STEL  | 101.2 mg/m <sup>3</sup>         |
|  | 15 ppm                          |
| Regulatory reference                               | COMMISSION DIRECTIVE 2006/15/EC |

#### 8.1.2. Recommended monitoring procedures

No additional information available

#### 8.1.3. Air contaminants formed

No additional information available

#### 8.1.4. DNEL and PNEC

No additional information available

#### 8.1.5. Control banding

No additional information available

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### 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:

Wear recommended personal protective equipment.

##### 8.2.2.1. Eye and face protection

##### Eye protection:

Protective goggles (EN 166)

##### 8.2.2.2. Skin protection

##### Skin and body protection:

Long sleeved protective clothing (DIN EN ISO 6530)

##### Hand protection:

Chemically resistant protective gloves. Please follow the instructions related to the permeability and the penetration time provided by the manufacturer. Choosing the proper glove is a decision that depends not only on the type of material, but also on other quality features, which differ for each manufacturer

##### 8.2.2.3. Respiratory protection

##### Respiratory protection:

In case of inadequate ventilation wear respiratory protection. Breathing apparatus in the event of aerosol or mist formation. Filter type. A-P2

#### 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  | : yellowish                  |
| Odour   | : Fresh, pleasant odour      |
| Odour threshold                                 | : Not available              |
| Melting point                                   | : Not available              |
| Freezing point                                  | : Not available              |
| Boiling point                                   | : Not available              |
| Flammability                                    | : No data available          |
| Explosive properties                            | : Product is not explosive.  |
| Oxidising properties                            | : Non oxidizing.             |
| Lower explosive limit (LEL)                     | : Not available              |
| Upper explosive limit (UEL)                     | : Not available              |
| Flash point                                     | : Not available              |
| Auto-ignition temperature                       | : Not available              |
| Decomposition temperature                       | : Not available              |
| pH  | : 10 at 20 °C                |
| pH solution                                     | : 100 %                      |
| Viscosity, kinematic                            | : Not available              |
| Solubility                                      | : Water: completely miscible |
| Partition coefficient n-octanol/water (Log Kow) | : Not available              |
| Vapour pressure                                 | : Not available              |
| Vapour pressure at 50°C                         | : Not available              |
| Density   | : 1.02 g/cm³ at 20 °C        |

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|                                 |                  |
|---------------------------------|------------------|
| Relative density                | : Not available  |
| 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

No additional information available

#### 9.2.2. Other safety characteristics

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

### 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 (Based on available data, the classification criteria are not met) |
| Acute toxicity (dermal)     | : Not classified (Based on available data, the classification criteria are not met) |
| Acute toxicity (inhalation) | : Not classified (Based on available data, the classification criteria are not met) |

#### 2-(2-butoxyethoxy)ethanol (112-34-5)

|                    |            |
|--------------------|------------|
| LD50 oral rat      | 5660 mg/kg |
| LD50 oral          | 5080 mg/kg |
| LD50 dermal rabbit | 4120 mg/kg |
| LD50 dermal        | 2764 mg/kg |

#### 3-butoxypropan-2-ol (5131-66-8)

|                 |  |
|-----------------|--|
| LD50 oral       | 2500 mg/kg   |
| LD50 dermal rat | > 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity) |
| LD50 dermal     | 2640 mg/kg   |

#### Sodium cumerenesulfonate (15763-76-5)

|               |              |
|---------------|--------------|
| LD50 oral rat | > 7000 mg/kg |
|---------------|--------------|

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| <b>2-phenoxyethanol (122-99-6)</b> |               |
|------------------------------------|---------------|
| LD50 oral                          | 1394 mg/kg    |
| LD50 dermal                        | 2251 mg/kg    |
| LC50 Inhalation - Rat (Vapours)    | 176.5 mg/l/4h |

|                                   |  |
|-----------------------------------|--|
| Skin corrosion/irritation         | : Not classified (Based on available data, the classification criteria are not met)<br>pH: 10 at 20 °C |
| Serious eye damage/irritation     | : Causes serious eye damage.<br>pH: 10 at 20 °C  |
| Respiratory or skin sensitisation | : Not classified (Based on available data, the classification criteria are not met)                    |
| Germ cell mutagenicity            | : Not classified (Based on available data, the classification criteria are not met)                    |
| Carcinogenicity                   | : Not classified (Based on available data, the classification criteria are not met)                    |
| Reproductive toxicity             | : Not classified (Based on available data, the classification criteria are not met)                    |
| STOT-single exposure              | : Not classified (Based on available data, the classification criteria are not met)                    |
| STOT-repeated exposure            | : Not classified (Based on available data, the classification criteria are not met)                    |

| <b>3-butoxypropan-2-ol (5131-66-8)</b> |   |
|--|---|
| LOAEL (oral, rat, 90 days)             | 1000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents), Guideline: EU Method B.26 (Sub-Chronic Oral Toxicity Test: Repeated Dose 90-Day Oral Toxicity Study in Rodents) |
| NOAEL (oral, rat, 90 days)             | 350 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents), Guideline: EU Method B.26 (Sub-Chronic Oral Toxicity Test: Repeated Dose 90-Day Oral Toxicity Study in Rodents)  |
| NOAEL (dermal, rat/rabbit, 90 days)    | 880 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 411 (Subchronic Dermal Toxicity: 90-Day Study)  |

|                   |   |
|-------------------|---|
| Aspiration hazard | : Not classified (Based on available data, the classification criteria are not met) |
|-------------------|---|

## 11.2. Information on other hazards

### 11.2.1. Endocrine disrupting properties

No additional information available

### 11.2.2. Other information

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 (Based on available data, the classification criteria are not met)                                     |
| Hazardous to the aquatic environment, long-term (chronic) | : Not classified (Based on available data, the classification criteria are not met)                                     |

| <b>3-butoxypropan-2-ol (5131-66-8)</b> |   |
|--|---|
| LC50 fish 1                            | 560 mg/l  |
| EC50 Daphnia 1                         | > 1000 mg/l Test organisms (species): Daphnia magna   |
| EC50 96h - Algae [1]                   | > 1000 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum) |

| <b>Sodium cumerenesulfonate (15763-76-5)</b> |                                     |
|--|-------------------------------------|
| EC50 72h - Algae [1]                         | > 1000 mg/l Desmodesmus subspicatus |

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| <b>2-phenoxyethanol (122-99-6)</b> |           |
|------------------------------------|-----------|
| ErC50 algae                        | 625 mg/l  |
| NOEC chronic fish                  | 24 mg/l   |
| NOEC chronic crustacea             | 9.43 mg/l |
| NOEC chronic algae                 | 46 mg/l   |

### 12.2. Persistence and degradability

No additional information available

### 12.3. Bioaccumulative potential

| <b>2-phenoxyethanol (122-99-6)</b> |                 |
|------------------------------------|-----------------|
| Log Pow                            | 1.13 (at 25 °C) |

### 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.  
Product/Packaging disposal recommendations : Packaging that is not properly emptied must be disposed of as the unused product.  
European List of Waste (LoW, EC 2000/532) : 20 01 29\* - detergents containing dangerous substances

## 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 |
| <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 |

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| ADR                                    | IMDG          | IATA          | ADN           | RID           |
|--|---------------|---------------|---------------|---------------|
| <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

#### 15.1.1. EU-Regulations

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

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

##### 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 (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

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### Detergent Regulation (EC 648/2004)

#### Labelling of contents:

##### Component

< 5 % amphoteric surfactants  
< 5 % non-ionic surfactants  
< 5 % soap  
Fragrances (...)

### Seveso Directive (Disaster Risk Reduction)

Seveso Additional information : Not subject to the Seveso III Directive

### Explosives Precursors Regulation (EU 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 (EC 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)

#### 15.1.2. National regulations

No additional information available

### 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             |
| OEL     | Occupational Exposure Limit   |
| 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   |

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| <b>Abbreviations and acronyms:</b> |   |
|------------------------------------|---|
| 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)   |
| Log Pow                            | Partition coefficient n-octanol/water (Log Pow)   |
| MAK                                | maximum workplace concentration   |
| N.O.S.                             | Not Otherwise Specified   |
| 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  |
| 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   |
| UFI                                | Unique Formula Identifier   |
| VOC                                | Volatile Organic Compounds  |
| vPvB                               | Very Persistent and Very Bioaccumulative  |
| ADG                                | Transport of Australian Dangerous Goods   |
| DOT                                | Department of Transport   |
| GHS                                | Globally Harmonized System of Classification, Labelling and Packaging of Chemicals                  |
| IBC-Code                           | International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk |
| MARPOL 73/78                       | MARPOL 73/78: International Convention for the Prevention of Pollution From Ships                   |
| REACH                              | Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006   |
| TDG                                | Transportation of Dangerous Goods   |

# Grundreiniger Universal

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878  
SDS No: 00514-0036

### Other information

: Data of sections 4 to 8, as well as 10 to 12, do partly not refer to the use and the regular employing of the product (in this sense consult information on use and on product), but to liberation of major amounts in case of accidents and irregularities. The information describes exclusively the safety requirements for the product(s) and is based on the present level of our knowledge. The delivery specifications are contained in the corresponding product sheet. This data does not constitute a guarantee for the characteristics of the product(s) as defined by the legal warranty regulations.

| <b>Full text of H- and EUH-statements:</b> |  |
|--|--|
| Acute Tox. 4 (Oral)                        | Acute toxicity (oral), Category 4  |
| Aquatic Acute 1                            | Hazardous to the aquatic environment – Acute Hazard, Category 1                            |
| Aquatic Chronic 3                          | Hazardous to the aquatic environment – Chronic Hazard, Category 3                          |
| Eye Dam. 1                                 | Serious eye damage/eye irritation, Category 1  |
| Eye Irrit. 2                               | Serious eye damage/eye irritation, Category 2  |
| Skin Irrit. 2                              | Skin corrosion/irritation, Category 2  |
| STOT SE 3                                  | Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation |
| H302                                       | Harmful if swallowed.  |
| H315                                       | Causes skin irritation.  |
| H318                                       | Causes serious eye damage.   |
| H319                                       | Causes serious eye irritation.   |
| H335                                       | May cause respiratory irritation.  |
| H400                                       | Very toxic to aquatic life.  |
| H412                                       | Harmful to aquatic life with long lasting effects.   |
| EUH208                                     | Contains cinnamaldehyde. May produce an allergic reaction.                                 |

| <b>Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:</b> |      |                    |
|--|------|--------------------|
| Eye Dam. 1   | H318 | Calculation method |

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 therefore not be construed as guaranteeing any specific property of the product.