

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 3 Sep 2020

Print date: 27 Jan 2022

Version: 1



## Geschirrspülmittel

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

#### 1.1. Product identifier

Trade name/designation:

Geschirrspülmittel

Other means of identification:

Geschirrrreiniger händisch, Handgeschirrrreiniger, Handspülmittel

Article No.:

11215

UFI:

4NDS-UGXX-TSEG-AXYX

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

Use of the substance/mixture:

Cleaning agent

Relevant identified uses:

Life cycle stage [LCS]

F: Formulation or re-packing

IS: Use at industrial sites

PW: Widespread use by professional workers

C: Consumer use

Process categories [PROC]

PROC 19: Manual activities involving hand contact

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

Supplier (manufacturer/importer/only representative/downstream user/distributor):

UNEX GmbH

Erwin Schrödinger Strasse 9

2100 Korneuburg

Austria

Telephone: +43 1 375 00 34

E-mail: office@unex.co.at

Website: www.unex.co.at

#### 1.4. Emergency telephone number

Vergiftungsinformationszentrale (VIZ), 24h: +43 1 406 43 43, +43 1 406 68 98 (Only available during office hours.)

### SECTION 2: Hazards identification

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

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

| Hazard classes and hazard categories                        | Hazard statements  | Classification procedure |
|---|--|--------------------------|
| Respiratory or skin sensitisation<br>(Skin Sens. 1)         | H317: May cause an allergic skin reaction.               |                          |
| Serious eye damage/eye irritation<br>(Eye Irrit. 2)         | H319: Causes serious eye irritation.                     |                          |
| Hazardous to the aquatic environment<br>(Aquatic Chronic 3) | H412: Harmful to aquatic life with long lasting effects. |                          |

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### 2.2. Label elements

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

Hazard pictograms:



**GHS07**

Exclamation mark

**Signal word:** Warning

| Hazard statements for health hazards |                                      |
|--------------------------------------|--------------------------------------|
| H317                                 | May cause an allergic skin reaction. |
| H319                                 | Causes serious eye irritation.       |

| Hazard statements for environmental hazards |  |
|---|--|
| H412  | Harmful to aquatic life with long lasting effects. |

| Precautionary statements |   |
|--------------------------|---|
| P101                     | If medical advice is needed, have product container or label at hand. |
| P102                     | Keep out of reach of children.  |

| Precautionary statements Prevention |  |
|-------------------------------------|--|
| P280                                | Wear protective gloves/protective clothing/eye protection/face protection/hearing protection/... |

| Precautionary statements Response |  |
|-----------------------------------|--|
| 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.  |

| Precautionary statements Disposal |   |
|-----------------------------------|---|
| P501                              | Dispose of contents/container to an appropriate recycling or disposal facility. |

### 2.3. Other hazards

No data available

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

Hazardous ingredients / Hazardous impurities / Stabilisers:

| Product identifiers                      | Substance name<br>Classification according to Regulation (EC) No 1272/2008 [CLP]  | Concentration       |
|--|---|---------------------|
| CAS No.: 68891-38-3<br>EC No.: 500-234-8 | <b>Alcohols, C12-14, ethoxylated, sulfates, sodium salts</b><br>The substance is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].   | 5 - ≤ 8.5<br>Vol-%  |
| CAS No.: 1310-73-2<br>EC No.: 215-185-5  | <b>sodium hydroxide</b><br>Skin Corr. 1A (H314)<br><b>Danger</b><br><b>Specific concentration limit (SCL)</b><br>Skin Corr. 1A; H314: C ≥ 5%<br>Skin Corr. 1B; H314: 2% ≤ C < 5%<br>Skin Irrit. 2; H315: 0.5% ≤ C < 2%<br>Eye Dam. 1; H318: C ≥ 2%<br>Eye Irrit. 2; H319: 0.5% ≤ C < 2% | 0 - ≤ 0.07<br>Vol-% |
| CAS No.: 77-92-9<br>EC No.: 201-069-1    | <b>citric acid</b><br>Eye Irrit. 2 (H319), STOT SE 3 (H335)<br><b>Warning</b>   | 0 - ≤ 0.02<br>Vol-% |

Full text of H- and EUH-phrases: see section 16.

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## Geschirrspülmittel

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

##### General information:

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). Remove victim out of the danger area. Remove contaminated, saturated clothing. If unconscious but breathing normally, place in recovery position and seek medical advice. Do not leave affected person unattended.

##### Following inhalation:

Provide fresh air.

##### Following ingestion:

Rinse mouth. Let water be drunken in little sips (dilution effect). Get medical advice/attention if you feel unwell.

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

No data available

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

Treat symptomatically.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

No data available

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

##### Hazardous combustion products:

In case of fire: Gases/vapours, toxic

#### 5.3. Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

#### 5.4. Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

### SECTION 6: Accidental release measures

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

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

###### Personal precautions:

Remove persons to safety.

###### Protective equipment:

Wear protective gloves/protective clothing/eye protection/face protection.

##### 6.1.2. For emergency responders

###### Personal protection equipment:

Personal protection equipment: see section 8

#### 6.2. Environmental precautions

Do not allow to enter into surface water or drains.

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

No data available

#### 6.4. Reference to other sections

Safe handling: see section 7 Personal protection equipment: see section 8 Disposal: see section 13

#### 6.5. Additional information

Use appropriate container to avoid environmental contamination.

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## Geschirrspülmittel

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

##### Protective measures

##### Advices on safe handling:

Wear personal protection equipment (refer to section 8).

##### Advices on general occupational hygiene

When using do not eat, drink or smoke. Avoid contact with eyes and skin.

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

##### Technical measures and storage conditions:

Keep container tightly closed in a cool, well-ventilated place.

**Storage class (TRGS 510, Germany):** 12 - non-combustible liquids that cannot be assigned to any of the above storage classes

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

##### Recommendation:

Observe technical data sheet. Observe instructions for use.

##### Industrial sector specific solutions:

Rinsing agent, unlabelled

##### GISCODE:

GU20

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### 8.1.1. Occupational exposure limit values

| Limit value type<br>(country of<br>origin) | Substance name   | ① Long-term occupational exposure limit value<br>② Short-term occupational exposure limit value<br>③ Instantaneous value<br>④ Monitoring and observation processes<br>⑤ Remark |
|--|--|--|
| LT   | sodium chloride<br>CAS No.: 7647-14-5<br>EC No.: 231-598-3   | ① 5 mg/m <sup>3</sup><br>⑤   |
| CH   | TERPENES, ORANGE<br>CAS No.: 68647-72-3<br>EC No.: 232-433-8 | ① 7 ppm (40 mg/m <sup>3</sup> )<br>② 14 ppm (80 mg/m <sup>3</sup> )  |
| NO   | TERPENES, ORANGE<br>CAS No.: 68647-72-3<br>EC No.: 232-433-8 | ① 25 ppm (140 mg/m <sup>3</sup> )  |
| HTP (FI)                                   | TERPENES, ORANGE<br>CAS No.: 68647-72-3<br>EC No.: 232-433-8 | ① 25 ppm (140 mg/m <sup>3</sup> )<br>② 50 ppm (280 mg/m <sup>3</sup> )   |
| ES   | TERPENES, ORANGE<br>CAS No.: 68647-72-3<br>EC No.: 232-433-8 | ① 30 ppm (168 mg/m <sup>3</sup> )<br>⑤ (puede ser absorbido a través dérmica)  |
| TRGS 900 (DE)                              | TERPENES, ORANGE<br>CAS No.: 68647-72-3<br>EC No.: 232-433-8 | ① 5 ppm (28 mg/m <sup>3</sup> )<br>② 20 ppm (112 mg/m <sup>3</sup> )<br>⑤ (kann über die Haut aufgenommen werden)  |
| VLA (FR)                                   | sodium hydroxide<br>CAS No.: 1310-73-2<br>EC No.: 215-185-5  | ① 2 mg/m <sup>3</sup>  |
| WEL (GB)                                   | sodium hydroxide<br>CAS No.: 1310-73-2<br>EC No.: 215-185-5  | ② 2 mg/m <sup>3</sup>  |

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|---|---|---|
| BE                                      | sodium hydroxide<br>CAS No.: 1310-73-2<br>EC No.: 215-185-5                       | ③ 2 mg/m <sup>3</sup><br>⑤ (hydroxyde de)   |
| PL                                      | sodium hydroxide<br>CAS No.: 1310-73-2<br>EC No.: 215-185-5                       | ① 0.5 mg/m <sup>3</sup><br>② 1 mg/m <sup>3</sup>  |
| NO                                      | sodium hydroxide<br>CAS No.: 1310-73-2<br>EC No.: 215-185-5                       | ③ 2 mg/m <sup>3</sup>   |
| HTP (FI)                                | sodium hydroxide<br>CAS No.: 1310-73-2<br>EC No.: 215-185-5                       | ③ 2 mg/m <sup>3</sup>   |
| LT                                      | sodium hydroxide<br>CAS No.: 1310-73-2<br>EC No.: 215-185-5                       | ③ 2 mg/m <sup>3</sup>   |
| SE                                      | sodium hydroxide<br>CAS No.: 1310-73-2<br>EC No.: 215-185-5                       | ① 1 mg/m <sup>3</sup><br>② 2 mg/m <sup>3</sup><br>⑤ (inhalierbar fraktion)  |
| NPEL (SK)                               | sodium hydroxide<br>CAS No.: 1310-73-2<br>EC No.: 215-185-5                       | ① 2 mg/m <sup>3</sup>   |
| ES                                      | sodium hydroxide<br>CAS No.: 1310-73-2<br>EC No.: 215-185-5                       | ② 2 mg/m <sup>3</sup>   |
| HU                                      | sodium hydroxide<br>CAS No.: 1310-73-2<br>EC No.: 215-185-5                       | ① 1 mg/m <sup>3</sup><br>② 2 mg/m <sup>3</sup>  |
| MAK (AT)                                | sodium hydroxide<br>CAS No.: 1310-73-2<br>EC No.: 215-185-5                       | ② 4 mg/m <sup>3</sup><br>⑤ (eintatembare Fraktion max. 8x5 min./Schicht, Momentanwert)  |
| ACGIH (US)                              | sodium hydroxide<br>CAS No.: 1310-73-2<br>EC No.: 215-185-5                       | ③ 2 mg/m <sup>3</sup>   |
| MAK (AT)                                | sodium hydroxide<br>CAS No.: 1310-73-2<br>EC No.: 215-185-5                       | ① 2 mg/m <sup>3</sup><br>⑤ (eintatembare Fraktion)  |
| CH                                      | sodium hydroxide<br>CAS No.: 1310-73-2<br>EC No.: 215-185-5                       | ① 2 mg/m <sup>3</sup><br>② 2 mg/m <sup>3</sup><br>⑤ (eintatembare Fraktion)   |
| MAK (AT)                                | 5-chloro-2-methyl-2H-isothiazol-3-one<br>CAS No.: 26172-55-4<br>EC No.: 247-500-7 | ① 0.05 mg/m <sup>3</sup>  |
| CH                                      | 5-chloro-2-methyl-2H-isothiazol-3-one<br>CAS No.: 26172-55-4<br>EC No.: 247-500-7 | ① 0.2 mg/m <sup>3</sup><br>② 0.4 mg/m <sup>3</sup><br>⑤ (eintatembare Fraktion)   |
| DFG (DE)                                | 5-chloro-2-methyl-2H-isothiazol-3-one<br>CAS No.: 26172-55-4<br>EC No.: 247-500-7 | ① 0.2 mg/m <sup>3</sup><br>② 0.4 mg/m <sup>3</sup><br>⑤ eintatembare Fraktion (Reaktionsgemisch, bestehend aus 5-Chlor-2-methyl-2H-isothiazol-3-on und 2-Methyl-2H-isothiazol-3-on (3:1)) |

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|---|--|--|
| TRGS 900 (DE)                           | citric acid<br>CAS No.: 77-92-9<br>EC No.: 201-069-1 | ① 2 mg/m <sup>3</sup><br>② 4 mg/m <sup>3</sup><br>⑤ (einatembare Fraktion)   |
| CH                                      | citric acid<br>CAS No.: 77-92-9<br>EC No.: 201-069-1 | ① 2 mg/m <sup>3</sup><br>② 4 mg/m <sup>3</sup><br>⑤ (einatembare Fraktion)   |

### 8.1.2. Biological limit values

No data available

### 8.1.3. DNEL-/PNEC-values

No data available

## 8.2. Exposure controls

### 8.2.1. Appropriate engineering controls

No data available

### 8.2.2. Personal protection equipment

#### Eye/face protection:

Eye glasses with side protection EN 166

#### Skin protection:

Tested protective gloves must be worn EN ISO 374 Suitable material: Breakthrough time: min In the case of wanting to use the gloves again, clean them before taking off and air them well.

### 8.2.3. Environmental exposure controls

No data available

## SECTION 9: Physical and chemical properties

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

#### Appearance

Physical state: Liquid

Colour: green

Odour: Lemon

#### Safety relevant basis data

| Parameter                                    | Value                | at °C | ① Method<br>② Remark |
|--|----------------------|-------|----------------------|
| pH   | > 6 - < 8            | 20 °C |                      |
| Melting point                                | not determined       |       |                      |
| Freezing point                               | not determined       |       |                      |
| Initial boiling point and boiling range      | not determined       |       |                      |
| Decomposition temperature                    | not determined       |       |                      |
| Flash point                                  | not determined       |       |                      |
| Evaporation rate                             | not determined       |       |                      |
| Auto-ignition temperature                    | not determined       |       |                      |
| Upper/lower flammability or explosive limits | not determined       |       |                      |
| Vapour pressure                              | not determined       |       |                      |
| Vapour density                               | not determined       |       |                      |
| Density                                      | > 1.03 - < 1.15 kg/l | 20 °C |                      |
| Relative density                             | not determined       |       |                      |

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| Parameter                              | Value                   | at °C | ① Method<br>② Remark |
|--|-------------------------|-------|----------------------|
| Bulk density                           | <i>not determined</i>   |       |                      |
| Water solubility                       | <i>not determined</i>   |       |                      |
| Partition coefficient: n-octanol/water | <i>not determined</i>   |       |                      |
| Dynamic viscosity                      | > 1,100 - < 2,500 mPa*s | 20 °C |                      |
| Kinematic viscosity                    |                         |       |                      |

### 9.2. Other information

No data available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

This material is considered to be non-reactive under normal use conditions.

### 10.2. Chemical stability

No known hazardous reactions.

### 10.3. Possibility of hazardous reactions

No data available

### 10.4. Conditions to avoid

No data available

### 10.5. Incompatible materials

No data available

### 10.6. Hazardous decomposition products

No data available

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

#### Acute oral toxicity:

Based on available data, the classification criteria are not met.

#### Acute dermal toxicity:

Based on available data, the classification criteria are not met.

#### Acute inhalation toxicity:

Based on available data, the classification criteria are not met.

#### Skin corrosion/irritation:

Based on available data, the classification criteria are not met.

#### Serious eye damage/irritation:

Based on available data, the classification criteria are not met.

#### Respiratory or skin sensitisation:

Based on available data, the classification criteria are not met.

#### Germ cell mutagenicity:

Based on available data, the classification criteria are not met.

#### Carcinogenicity:

Based on available data, the classification criteria are not met.

#### Reproductive toxicity:

Based on available data, the classification criteria are not met.

#### STOT-single exposure:

Based on available data, the classification criteria are not met.

#### STOT-repeated exposure:

Based on available data, the classification criteria are not met.

#### Aspiration hazard:

Based on available data, the classification criteria are not met.

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### Additional information:

No data available

### 11.2. Information on other hazards

No data available

## SECTION 12: Ecological information

### 12.1. Toxicity

No data available

### 12.2. Persistence and degradability

No data available

### 12.3. Bioaccumulative potential

No data available

### 12.4. Mobility in soil

No data available

### 12.5. Results of PBT and vPvB assessment

No data available

### 12.6. Endocrine disrupting properties

No data available

### 12.7. Other adverse effects

No data available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### 13.1.1. Product/Packaging disposal

#### Waste codes/waste designations according to EWC/AVV

##### Waste code product

|          |   |
|----------|---|
| 20 01 30 | detergents other than those mentioned in 20 01 29 |
|----------|---|

##### Waste code packaging

|          |          |
|----------|----------|
| 20 01 39 | plastics |
|----------|----------|

#### Waste treatment options

##### Appropriate disposal / Product:

Consult the appropriate local waste disposal expert about waste disposal.

## SECTION 14: Transport information

| Land transport (ADR/RID)                                   | Inland waterway craft (ADN)                                | Sea transport (IMDG)                                       | Air transport (ICAO-TI / IATA-DGR)                         |
|--|--|--|--|
| <b>14.1. UN number or ID number</b>                        |  |  |  |
| No dangerous good in sense of these transport regulations. | No dangerous good in sense of these transport regulations. | No dangerous good in sense of these transport regulations. | No dangerous good in sense of these transport regulations. |
| <b>14.2. UN proper shipping name</b>                       |  |  |  |
| No dangerous good in sense of these transport regulations. | No dangerous good in sense of these transport regulations. | No dangerous good in sense of these transport regulations. | No dangerous good in sense of these transport regulations. |
| <b>14.3. Transport hazard class(es)</b>                    |  |  |  |
| not relevant   | not relevant   | not relevant   | not relevant   |
| <b>14.4. Packing group</b>                                 |  |  |  |
| not relevant   | not relevant   | not relevant   | not relevant   |
| <b>14.5. Environmental hazards</b>                         |  |  |  |
| not relevant   | not relevant   | not relevant   | not relevant   |



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|---|-----------------------------|----------------------|------------------------------------|
| <b>14.6. Special precautions for user</b> |                             |                      |                                    |
| not relevant                              | not relevant                | not relevant         | not relevant                       |

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

No data available

## SECTION 15: Regulatory information

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

No data available

### 15.2. Chemical Safety Assessment

No data available

## SECTION 16: Other information

### 16.1. Indication of changes

No data available

### 16.2. Abbreviations and acronyms

No data available

### 16.3. Key literature references and sources for data

No data available

### 16.4. Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

| Hazard classes and hazard categories                              | Hazard statements  | Classification procedure |
|---|--|--------------------------|
| Respiratory or skin sensitisation ( <i>Skin Sens. 1</i> )         | H317: May cause an allergic skin reaction.               |                          |
| Serious eye damage/eye irritation ( <i>Eye Irrit. 2</i> )         | H319: Causes serious eye irritation.                     |                          |
| Hazardous to the aquatic environment ( <i>Aquatic Chronic 3</i> ) | H412: Harmful to aquatic life with long lasting effects. |                          |

### 16.5. Relevant R-, H- and EUH-phrases (Number and full text)

| Hazard statements |  |
|-------------------|--|
| H314              | Causes severe skin burns and eye damage. |
| H315              | Causes skin irritation.                  |
| H318              | Causes serious eye damage.               |
| H319              | Causes serious eye irritation.           |
| H335              | May cause respiratory irritation.        |

### 16.6. Training advice

No data available

### 16.7. Additional information

No data available