



**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date 04.04.2018

Version number 10

Revision: 04.04.2018

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

- **1.1 Product identifier**
- **Trade name:** Handcleaner
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
- **Sector of Use**  
SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
- **Product category** PC39 Cosmetics, personal care products
- **Technical function** Cosmetic Product, handcleaner
- **Application of the substance / the mixture**  
Hand cleaning paste  
Hand cleaning agent
- **Uses advised against**  
All applications that differ from the mentioned application in "application of the mixture", are advised against or have to be discussed with the supplier / producer
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
WINKEL GmbH  
Lisztstraße 1  
53881 Euskirchen - Germany  
E-Mail: [info@winkelgroup.de](mailto:info@winkelgroup.de)  
Internet: [www.winkelgroup.de](http://www.winkelgroup.de)  
Informing department: [info@winkelgroup.de](mailto:info@winkelgroup.de)
- **1.4 Emergency telephone number:**  
Information during office hours: +49 2251 77 69 400-401

·Tel.: +49 2251 77 69 400-401

·Fax: +49 2251 77 69 402

## SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**  
Not required to label according 1272/2008; The cosmetics regulation is to be applied  
Product is not classified according 1272/2008 because the product is a cosmetic according EU 1223/2009  
The product is not classified according to the CLP regulation.
- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008**  
Not required to label according 1272/2008; The cosmetics regulation is to be applied  
Product is not classified according to 1272/2008 because the product is a cosmetic product according to EU 1223/2009
- **Hazard pictograms** Void
- **Signal word** Void
- **Hazard statements** Void
- **Additional information:**  
Contains (R)-p-mentha-1,8-diene, reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1). May produce an allergic reaction.  
Safety data sheet available on request.
- **Regulation (EC) No 1223/2009 on cosmetic products**  
Not required to label according 1272/2008; The cosmetics regulation 1223/2009 has to be applied  
Product is not classified according 1272/2008 because the product is a cosmetic according EU 1223/2009
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

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## SECTION 3: Composition/information on ingredients

### 3.2 Chemical characterisation: Mixtures

#### Description:

Cosmetic Product

Ingredients according Cosmetic regulation 1223/2009/EC, INCI:

Aqua  
 Polyurethane  
 Sodium C12-18 Alkyl Sulfate  
 Sodium Laureth Sulfate  
 Brassica Campestrisoleifera Oil  
 Oleic Acid  
 Trideceth-9  
 Acrylates Copolymer  
 Cocamide Dea  
 Sodium Chloride  
 Lauryl Alcohol  
 Cellulose Gum  
 Glycerin  
 Sodium Sulfate  
 Sodium Glycolate  
 Titaniumdioxide  
 Parfum  
 Limonene  
 Linalool  
 Hexyl Cinnamal  
 Diethylhexyl Sodium Sulfosuccinate  
 Benzyl Alcohol  
 Alcohol  
 Citronellol  
 Diethylene Glycol  
 Silver Chloride  
 Methylchloroisothiazolinone  
 Methylisothiazolinone

#### Dangerous components:

CAS: 68955-19-1 EINECS: 273-257-1	Sulfuric acid, mono-C12-18-alkyl esters, sodium salts Eye Dam. 1, H318; Skin Irrit. 2, H315	2.5-<10%
CAS: 68891-38-3 NLP: 500-234-8	Alkyl Ether Sulfate C12-14, sodium salt Eye Dam. 1, H318; Skin Irrit. 2, H315; Aquatic Chronic 3, H412	< 2.0%
CAS: 5989-27-5 EINECS: 227-813-5	(R)-p-mentha-1,8-diene Flam. Liq. 3, H226; Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Skin Irrit. 2, H315; Skin Sens. 1, H317	< 0.25%

Additional information For the wording of the listed hazard phrases refer to section 16.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

General information No special measures required.

After skin contact The product is not skin irritating.

#### After eye contact

Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.

After swallowing In case of persistent symptoms consult doctor.

4.2 Most important symptoms and effects, both acute and delayed No further relevant information available.

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- **4.3 Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

### **SECTION 5: Firefighting measures**

- **5.1 Extinguishing media**
- **Suitable extinguishing agents** Use fire fighting measures that suit the environment.
- **5.2 Special hazards arising from the substance or mixture** No further relevant information available.
- **5.3 Advice for firefighters**
- **Protective equipment:** No special measures required.

### **SECTION 6: Accidental release measures**

- **6.1 Personal precautions, protective equipment and emergency procedures**  
Particular danger of slipping on leaked/spilled product.
- **6.2 Environmental precautions:** Dilute with much water.
- **6.3 Methods and material for containment and cleaning up:** Collect mechanically.
- **6.4 Reference to other sections**  
No dangerous materials are released.  
See Section 7 for information on safe handling  
See Section 8 for information on personal protection equipment.  
See Section 13 for information on disposal.

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

- **7.1 Precautions for safe handling** No special precautions necessary if used correctly.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and containers:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** None.
- **7.3 Specific end use(s)** No further relevant information available.

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

- **Additional information about design of technical systems:** No further data; see item 7.
- **8.1 Control parameters**
- **Components with limit values that require monitoring at the workplace:**  
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:** The lists that were valid during the compilation were used as basis.
- **8.2 Exposure controls**
- **Personal protective equipment**
- **General protective and hygienic measures**  
The usual precautionary measures should be adhered to general rules for handling chemicals.
- **Breathing equipment:** Not required.
- **Protection of hands:** Not required.
- **Material of gloves**  
Not required  
Gloves are used if product is not used as a hand cleaner. For example, when spills have to be cleaned up
- **Penetration time of glove material**  
not required

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Protection gloves not necessary, except for cleaning up spilled material  
 · **Eye protection:** Safety glasses recommended during refilling.

## SECTION 9: Physical and chemical properties

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

#### · General Information

#### · Appearance:

Form: Viscous  
 Colour: Yellowish  
 Odour: Fruit-like  
 Odour threshold: Not determined.

· pH-value at 20 °C: ~ 7

#### · Change in condition

Melting point/freezing point: Not determined  
 Initial boiling point and boiling range: 100 °C

· Flash point: > 100 °C

· Inflammability (solid, gaseous) Not applicable.

#### · Ignition temperature:

Decomposition temperature: Not determined.

· Self-inflammability: Product is not selfigniting.

· Explosive properties: Product is not explosive.

#### · Critical values for explosion:

Lower: Not determined.  
 Upper: Not determined.

· Vapour pressure at 20 °C: 23 hPa

· Density at 20 °C ~ 0,97 g/cm<sup>3</sup>  
 · Relative density Not determined.  
 · Vapour density Not determined.  
 · Evaporation rate Not determined.

#### · Solubility in / Miscibility with

Water: Fully miscible

· Partition coefficient: n-octanol/water: Not determined.

#### · Viscosity:

dynamic: Not determined.  
 kinematic: Not determined.

· 9.2 Other information No further relevant information available.

## SECTION 10: Stability and reactivity

· 10.1 Reactivity No further relevant information available.

#### · 10.2 Chemical stability

· Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

· 10.3 Possibility of hazardous reactions No dangerous reactions known

· 10.4 Conditions to avoid No further relevant information available.

· 10.5 Incompatible materials: No further relevant information available.

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· 10.6 Hazardous decomposition products: No dangerous decomposition products known

## SECTION 11: Toxicological information

· 11.1 Information on toxicological effects

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

· LD/LC50 values that are relevant for classification:

**68891-38-3 Alkyl Ether Sulfate C12-14, sodium salt**

Oral LD50 2000-5000 mg/kg (rat) (OECD401)

Dermal LD50 &gt;2000 mg/kg (rat) (OECD402)

**5989-27-5 (R)-p-mentha-1,8-diene**

Oral LD50 &gt;5700 mg/kg (rat)

Dermal LD50 &gt;5000 mg/kg (rabbits)

· Primary irritant effect:

· Skin corrosion/irritation

Product is not classified according 1272/2008 because the product is a cosmetic according EU 1223/2009

· Serious eye damage/irritation

Product is not classified according 1272/2008 because the product is a cosmetic according EU 1223/2009

· Respiratory or skin sensitisation Based on available data, the classification criteria are not met.

· CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

· 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.

## SECTION 12: Ecological information

· 12.1 Toxicity

· Aquatic toxicity:

**68891-38-3 Alkyl Ether Sulfate C12-14, sodium salt**

EC50/48h 1-10 mg/l (daphnia) (OECD202)

EC50/72h 10-100 mg/l (algae) (OECD201)

**5989-27-5 (R)-p-mentha-1,8-diene**

EC50/48h 0.67 mg/l (daphnia)

EC50/72h 150 mg/l (*Scenedesmus subspicatus*)

LC50/96h 0.7 mg/l (fish)

· 12.2 Persistence and degradability No further relevant information available.

· 12.3 Bioaccumulative potential No further relevant information available.

· 12.4 Mobility in soil No further relevant information available.

· 12.5 Results of PBT and vPvB assessment

· PBT: Not applicable.

· vPvB: Not applicable.

· 12.6 Other adverse effects No further relevant information available.

## SECTION 13: Disposal considerations

· 13.1 Waste treatment methods

· Recommendation Smaller quantities can be disposed with household waste.

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- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleaning agent:** Water, if necessary with cleaning agent.

#### **SECTION 14: Transport information**

- |  |                 |
|--|-----------------|
| · <b>14.1 UN-Number</b>  |                 |
| · <b>ADR, ADN, IMDG, IATA</b>  | Void            |
| · <b>14.2 UN proper shipping name</b>  |                 |
| · <b>ADR, ADN, IMDG, IATA</b>  | Void            |
| · <b>14.3 Transport hazard class(es)</b>   |                 |
| · <b>ADR, ADN, IMDG, IATA</b>  |                 |
| · <b>Class</b>   | Void            |
| · <b>14.4 Packing group</b>  |                 |
| · <b>ADR, IMDG, IATA</b>   | Void            |
| · <b>14.5 Environmental hazards:</b>   |                 |
| · <b>Marine pollutant:</b>   | No              |
| · <b>14.6 Special precautions for user</b>                                       | Not applicable. |
| · <b>14.7 Transport in bulk according to Annex II of Marpol and the IBC Code</b> | Not applicable. |
| · <b>UN "Model Regulation":</b>  | Void            |

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

- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

#### **SECTION 16: Other information**

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Relevant phrases**  
H226 Flammable liquid and vapour.  
H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H318 Causes serious eye damage.  
H400 Very toxic to aquatic life.  
H410 Very toxic to aquatic life with long lasting effects.  
H412 Harmful to aquatic life with long lasting effects.
- **Department issuing data specification sheet:** info@eco-nederland.com
- **Contact:** info@eco-nederland.com
- **Abbreviations and acronyms:**  
RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)  
ICAO: International Civil Aviation Organisation  
Flam. Liq. 3: Flammable liquids – Category 3  
Skin Irrit. 2: Skin corrosion/irritation – Category 2  
Eye Dam. 1: Serious eye damage/eye irritation – Category 1  
Skin Sens. 1: Skin sensitisation – Category 1  
Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1  
Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1  
Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3
- **\* Data compared to the previous version altered.**