

Safety data sheet

According to Regulation (EC) No. 1907/2006 (REACH)
Date of issue: 24.07.2020 Supersedes edition of: ---

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

1.1 Product identifier

Product name: Detailer mit Carnaubawachs 283

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

Identified uses: Car care.

1.3 Details of the supplier of the safety data sheet

Company: Otto Oehme GmbH
Industriestraße 20
D-90584 Allersberg Deutschland
Tel. +49 9176 98050
info@oehme-lorito.de

1.4 Emergency telephone number

GIZ Nord Poisons Centre, Göttingen Tel. +49 (0) 551 19240

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

This mixture is not classified as dangerous according to European Union legislation.

2.2 Label elements

Labelling (Regulation (EC) No. 1272/2008)

This product does not need to be labelled in accordance with EC regulation or respective national laws.

2.3 Other hazards

Not known.

SECTION 3: Composition / information on ingredients

Emulsion in water.

Hazardous components (Regulation (EC) No. 1272/2008)

| Chemical name | CAS-No. | EC-No. | EC-Index-No. | Labelling according to EC-Regulation | Content |
|---|------------|-----------|--------------|--|---------|
| Quaternary ammonium compounds, C12-14-alkyltrimethyl, Me sulfates | 96690-44-7 | 306-238-4 | | Acute Tox. 4, H302 Acute Tox. 3, H311 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410 (M=1) | < 1 % |

REACH Registration Number: 01-2120770734-48

Full text of hazard statements: See under section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

After inhalation: Fresh air. Call in physician if feeling unwell.

After skin contact: Wash off with plenty of water. Remove contaminated clothing. Consult a physician if skin irritations occur.

After eye contact: Rinse out with plenty of water with the eyelid held wide open. Call in ophthalmologist if eye irritations occur.

After swallowing: Make victim drink plenty of water (two glasses at most), avoid vomiting. Call in physician.

4.2 Most important symptoms and effects, both acute and delayed

No information available.

4.3 Indication of any immediate medical attention and special treatment needed

No information available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media

For this substance / mixture no limitations of extinguishing agents are given.

5.2 Special hazards arising from the substance or mixture

Not Combustible. Development of hazardous combustion gases or vapours possible in the event of fire.

5.3 Advice for firefighters

Special protective equipment for firefighters

Do not stay in dangerous zone without suitable chemical protection clothing and self-contained breathing apparatus.

Further information

Prevent fire-fighting water from entering surface water or groundwater.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Caution: Risk of slipping.

Do not inhale vapours/aerosols. Avoid substance contact. Use personal protective equipment as required, see section 8.2. Ensure supply of fresh air in enclosed rooms. In case of inadequate ventilation wear respiratory protection.

6.2 Environmental precautions

Do not get undiluted into sewerage system.

6.3 Methods and material for containment and cleaning up

Take up with incombustible liquid-absorbent material. Forward for disposal. Clean up affected area.

6.4 Reference to other sections

Indications about waste treatment see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Notes for safe handling

Ensure adequate ventilation. Avoid contact with skin and eyes. Do not inhale vapours/aerosols. Avoid generation of vapours/aerosols.

Notes for prevention of fire and explosion

Not required.

7.2 Conditions for safe storage, including any incompatibilities

Store cool above 5 °C. Keep away from sun and heat.
Tightly closed in a well-ventilated place.

7.3 Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Contains no substances with occupational limit values.

8.2 Exposure controls

Individual protection measures

Protective clothing should be selected specifically for the working place, depending on concentration and quantity of the hazardous substances handled. The resistance of the protective clothing to chemicals should be ascertained with the respective supplier.

Eye / face protection:

Eye protection (EN 166) recommended.

Hand protection:

Material: Nitrile rubber.

Thickness: 0.1 mm

Breakthrough time: > 480 min

The protective gloves to be used must comply with the specifications of EC directive 89/686/EEC and the resultant standard EN 374, e.g. Franz Mensch Nitrile Safe Premium.
This recommendation applies only to the product stated in the safety data sheet supplied by us and for the designated use. When dissolving in or mixing with other substances and under conditions deviating from those stated in EN374 please contact the supplier of CE-approved gloves.

Respiratory protection:

Required when vapours/aerosols are generated. Filter A2 P2 (EN 14387).

Hygiene measures

Change contaminated clothing. Apply skin- protective barrier cream. Wash hands and face after working with substance.

SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties**

| | |
|----------------------|-------------------------|
| Form: | liquid |
| Colour: | white |
| Odour: | characteristic |
| pH value | 6.5 – 7 |
| Melting point | not specified |
| Boiling point | not specified |
| Ignition temperature | not applicable |
| Flash point | not applicable |
| Explosion limits | lower not applicable |
| | upper not applicable |
| Density (20 °C) | ~ 1.0 g/cm ³ |
| Solubility in water | miscible |

9.2 Other information

None.

SECTION 10: Stability and reactivity**10.1 Reactivity**

No information available.

10.2 Chemical stability

The product is chemically stable under standard ambient conditions (room temperature).

10.3 Possibility of hazardous reactions

Not to be expected.

10.4 Conditions to avoid

No information available.

10.5 Incompatible materials

No information available.

10.6 Hazardous decomposition products

See section 5.

SECTION 11: Toxicological information**11.1 Information on toxicological effects***Acute oral toxicity*

LD₅₀ rat: 429 mg/kg (external MSDS; Quaternary ammonium compounds)

Acute dermal toxicity

LD₅₀ rabbit: 570 mg/kg (external MSDS; Quaternary ammonium compounds)

Skin irritation

Rabbit: Causes skin irritation (external MSDS; Quaternary ammonium compounds).

Eye irritation

Eye irritation (external MSDS; Quaternary ammonium compounds).
Causes serious eye irritation.

Specific target organ toxicity – single exposure

The substance or mixture is not classified as specific target organ toxicant, single exposure.

Specific target organ toxicity – repeated exposure

The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

Aspiration hazard

No aspiration toxicity classification.

11.2 Further information

Further hazardous properties cannot be excluded. The product should be handled with the care usual when dealing with chemicals.

SECTION 12: Ecological information**12.1 Toxicity***Toxicity to fish*

LC₅₀: 45 mg/l /48 h (OECD 203; Quaternary ammonium compounds)

Toxicity to daphnia and other aquatic invertebrates

EC₅₀: 0.1 mg/l /48 h (external MSDS; Quaternary ammonium compounds)

Toxicity to algae

EC₅₀: 0.01 mg/l /72 h (external MSDS; Quaternary ammonium compounds)

12.2 Persistence and degradability*Biodegradability*

The surfactants contained in this preparation complies with the Biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents.

Data to support this assertion are held at the disposal of the competent authorities of the member

states and will be made available to them, at their direct request or at the request of a detergent manufacturer.

Biodegradation: > 60 % / 28 d (OECD 301D; Quaternary ammonium compounds)
Readily biodegradable (Quaternary ammonium compounds)

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

PBT / vPvB assessment not available as chemical safety assessment not required / not conducted.

12.6 Other adverse effects

Additional ecological information:

Do not allow to enter waters, waste water, or soil!

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product:

Chemicals must be disposed of in compliance with the respective national regulations.

Code of the waste
070601*

Name according to directive 2000/532/EC:
aqueous washing liquids and mother liquors.

Packaging:

Product packaging must be disposed of in compliance with the country-specific regulations or must be to a packaging return system.

SECTION 14: Transport information

Not classified as dangerous in the meaning of transport regulations.

SECTION 15: Regulatory information

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

EU regulations

Ingredients according to Regulation (EC) on detergents No. 648/2004:

Cationic surfactants: Less than 5 %

Non-ionic surfactants: Less than 5 %

Benzisothiazolinone, Methylisothiazolinone.

15.2 Chemical safety assessment

For this product a chemical safety assessment was not carried out.

SECTION 16: Other information

Full text of hazard statements referred to under sections 2 and 3:

H302 Harmful if swallowed.

H311 Toxic in contact with skin.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

The information contained herein is based on the present state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.