

Safety data sheet

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

Date of issue: 21.01.2021 Supersedes edition of: 16.03.2018

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

1.1 Product identifier

Product name: Wachsentferner

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

Identified uses: Wax Remover

Only for industrial or commercial use. Not to the general public.

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

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

Flam. Liq. 3, H226

Eye Dam. 1, H318

Asp. Tox. 1, H304

STOT SE 3, H336

Full text of hazard statements: See under section 16.

2.2 Label elements

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

Hazard pictograms:



Signal word:

Danger

Hazard statements:

H226 Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H318 Causes serious eye damage.

H336 May cause drowsiness or dizziness.

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EU066 Repeated exposure may cause skin dryness or cracking.

Precautionary statements:

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P243 Take action to prevent static discharges.

P280 Wear protective gloves, eye protection.

P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.

P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water / shower.

Contains Hydrocarbons, Isotridecanol, ethoxylated.

2.3 Other hazards

Not known.

SECTION 3: Composition / information on ingredients

Solution of petroleum distillate.

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

<i>Chemical name</i>				<i>Content</i>
<i>CAS-No.</i>	<i>EC-No.</i>	<i>EC-Index-No.</i>	<i>Classification</i>	
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics			Flam. Liq. 3, H226 STOT SE 3, H336 Asp. Tox. 1, H304	60 – 100 %
	919-857-5			
REACH Registration Number: 01-2119463258-33				
Isotridecanol, ethoxylated			Eye Dam. 1, H318 Acute Tox. 4, H302	< 10 %
69011-36-5	500-241-6			
REACH Registration Number: 02-2119552461-55				

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 immediately.

After swallowing: Caution if victim vomits. Risk of aspiration! Keep airways free. Pulmonary failure possible after aspiration of vomit. Call a physician immediately.

4.2 Most important symptoms and effects, both acute and delayed

Irritant effects, somnolence, Drowsiness.

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It generally applies for aliphatic hydrocarbons with 6 - 18 carbon atoms that they may cause pneumonia, in some cases also pulmonary oedema, upon direct inhalation.
After absorption of very large quantities: narcosis.
Drying-out effect resulting in rough and chapped skin.
Death by Aspiration.

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

Carbon dioxide, foam, dry powder.

Unsuitable extinguishing media

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

5.2 Special hazards arising from the substance or mixture

Combustible material. Vapours are heavier than air and may spread along floors. Forms explosive mixtures with air at ambient temperatures. Pay attention to flashback. 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. Remove sources of ignition, no smoking.

6.2 Environmental precautions

Do not allow to enter sewerage system. Risk of explosion.

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.

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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

Keep away from heat and sources of ignition. Take precautionary measures against static discharge. Vapours heavier than air. Vapours may form explosive mixtures with air.

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. Away from sources of ignition and heat.

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 exposure 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).

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 A P2 (EN 14387).

Hygiene measures

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

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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Form:	liquid
Colour:	colourless
Odour:	petroleum-like
pH value	not applicable
Melting point	< - 20 °C
Boiling point	154 – 193 °C
Ignition temperature	237 °C (petroleum)
Flash point	41 °C (petroleum)
Explosion limits	lower 0.6 % (petroleum)
	upper 7 % (petroleum)
Vapour pressure (20 °C)	0.3 kPa (petroleum)
Density (20 °C)	0.78 g/cm ³
Viscosity (kinematic, 20 °C)	1.02 mm ² /s (petroleum)
Solubility in water	insoluble

9.2 Other information

None.

SECTION 10: Stability and reactivity

10.1 Reactivity

Vapours may form explosive mixtures with air.

10.2 Chemical stability

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

10.3 Possibility of hazardous reactions

Violent reactions possible with: Strong oxidizing agents.

10.4 Conditions to avoid

Warming.

10.5 Incompatible materials

Rubber, various plastics.

Corrosive substances, halogens, bases, acids, reactive chemicals.

10.6 Hazardous decomposition products

See section 5.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute oral toxicity

LD₅₀ rat: > 5000 mg/kg (ECHA; hydrocarbons)

LD₅₀ rat: > 300 – 2000 mg/kg (OECD 423; Isotridecanol, ethoxylated)

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Acute dermal toxicity

LD₅₀ rabbit: > 2000 mg/kg (ECHA; hydrocarbons)

LD₅₀ rabbit: > 2000 mg/kg (OECD 402; Isotridecanol, ethoxylated)

Skin irritation

Causes skin irritation (external MSDS; hydrocarbons).

Drying-out effect resulting in rough and chapped skin.

Rabbit: No irritation (OECD 404; Isotridecanol, ethoxylated).

Eye irritation

Rabbit: Causes serious eye damage (external MSDS; Isotridecanol, ethoxylated).

Specific target organ toxicity – single exposure

May cause drowsiness or dizziness. Target Organs: Central nervous system.

Aspiration hazard

Aspiration hazard, Aspiration may cause pulmonary oedema and pneumonitis.

May be fatal if swallowed and enters airways.

11.2 Further information

After absorption: Headache, dizziness, agitation, convulsions, unconsciousness.

Cannot be excluded: Cardiovascular disorders, respiratory paralysis.

Drying-out effect resulting in rough and chapped skin.

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**

Oncorhynchus mykiss LC₅₀: > 1000 mg/l /96 h (ECHA; hydrocarbons)

Leuciscus idus LC₅₀: 1 – 10 mg/l /96 h (external MSDS; Isotridecanol, ethoxylated)

Toxicity to daphnia and other aquatic invertebrates

Daphnia magna: EC₅₀: > 1000 mg/l /48 h (ECHA; hydrocarbons)

Aquatic invertebrates: EC₅₀: 1 – 10 mg/l /48 h (external MSDS; Isotridecanol, ethoxylated)

Toxicity to algae

Pseudokirchneriella subcapitata: EC₅₀: > 1000 mg/l / 72 h (ECHA; hydrocarbons)

EC₅₀: 1 – 10 mg/l /72 h (external MSDS; Isotridecanol, ethoxylated)

Toxicity to bacteria

Activated sludge: EC₁₀: > 10000 mg/l /17 h (DIN 38412 (8); Isotridecanol, ethoxylated)

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.

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Biodegradation: 80 % /28 d (ECHA; hydrocarbons)
Readily biodegradable (hydrocarbons)
Biodegradation: > 60 % / 28 d (OECD 301B; Isotridecanol, ethoxylated)
Readily biodegradable (Isotridecanol, ethoxylated)

12.3 Bioaccumulative potential

Partition coefficient: n-octanol / water: $\log P_{ow}$: > 4 (external MSDS; hydrocarbons).
No bioaccumulation is to be expected (hydrocarbons).
No bioaccumulation is to be expected (external MSDS; Isotridecanol, ethoxylated).

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

Further information on ecology

COD: 2.1 g/g (external MSDS; Isotridecanol, ethoxylated).

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

200129*

070604*

Name according to directive 2000/532/EC:

Detergents containing dangerous substances.

other organic solvents, 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

14.1. UN number

UN 3295

14.2. UN proper shipping name

ADR / RID:

HYDROCARBONS, LIQUID, N.O.S.

IMDG-Code / ICAO-TI / IATA-DGR:

HYDROCARBONS, LIQUID, N.O.S.

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14.3. Transport hazard class(es)

ADR / RID / IMDG-Code / ICAO-TI / IATA-DGR: 3

14.4. Packing group

III

14.5. Environmental hazards

ADR / RID: Marine pollutant: No

IMDG-Code: Marine pollutant: No

ICAO-TI / IATA-DGR: Environmentally hazardous: No

14.6. Special precautions for user.

ADR: Tunnel restriction code: (D/E)

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable.

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:

Aromatic hydrocarbons: Less than 5 %.

Aliphatic hydrocarbons: 30 % and more.

Non-ionic surfactants: Less than 5 %

15.2 Chemical safety assessment

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

SECTION 16: Other information

Reason for alteration:

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Exposure controls

SECTION 9: Physical and chemical properties

SECTION 11: Toxicological information

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SECTION 14: Transport information

SECTION 15: Regulatory information

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

H226 Flammable liquid and vapour.

H302 Harmful if swallowed.

H304 May be fatal if swallowed and enters airways.

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H318 Causes serious eye damage.
H336 May cause drowsiness or dizziness.

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.