

Safety data sheet

According to Regulation (EC) No. 1907/2006 (REACH)
Date of issue: 16.03.2018 Supersedes edition of: ---

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

1.1 Product identifier

Product name: Hartwachs

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

Floor 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 Center, 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
STOT SE 3, H336
Asp. Tox. 1, H304

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.
H336 May cause drowsiness or dizziness.
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

Product name: Hartwachs
 Revision date: 16.03.2018

smoking.
 P280 Wear protective gloves/eye protection.
 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.
 P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 P312 Call a POISON CENTRE if you feel unwell.

Contains Distillates (petroleum).

2.3 Other hazards

Not known.

SECTION 3: Composition / information on ingredients

Solution of petroleum distillate.

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

Chemical name	Content			
CAS-No.	EC-No.	EC-Index-No.	Classification	
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics	60 – 100 %		Flam. Liq. 3, H226 STOT SE 3, H336 Asp. Tox. 1, H304	

REACH Registration Number: 01-2119463258-33

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.
 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.
 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.

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.

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

Product name: Hartwachs
Revision date: 16.03.2018

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:

Tightly fitting safety goggles (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.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Form:	liquid
Colour:	white
Odour:	petroleum-like
pH value	not applicable
Melting point	< - 20 °C
Boiling point	130 – 210 °C

Product name: Hartwachs
Revision date: 16.03.2018

Ignition temperature	> 200 °C (petroleum)
Flash point	> 36 °C (petroleum)
Explosion limits	0.6 % (petroleum)
lower	
upper	7 % (petroleum)
Vapour pressure (20 °C)	0.3 kPa (petroleum)
Density (20 °C)	~ 0.8 g/cm ³
Viscosity (kinematic, 20 °C)	0.8 – 2.1 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.

10.6 Hazardous decomposition products

See section 5.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute oral toxicity

LD₅₀ rat: > 8000 mg/kg (external MSDS; hydrocarbons)

Acute dermal toxicity

LD₅₀ rabbit: > 4000 mg/kg (external MSDS; hydrocarbons)

Acute inhalation toxicity

LC₅₀ rat: > 18.5 mg/l /4 h vapor (external MSDS; hydrocarbons)

Skin irritation

Causes skin irritation (external MSDS; hydrocarbons).

Drying-out effect resulting in rough and chapped skin.

Product name: Hartwachs
Revision date: 16.03.2018

Specific target organ toxicity – single exposure

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

Specific target organ toxicity – repeated exposure

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

Aspiration hazard

Aspiration hazard, Aspiration may cause pulmonary oedema and pneumonitis.

11.2 Further information

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.

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**

Quantitative data on the ecological effect of this product are not available.

12.2 Persistence and degradability

Readily biodegradable (external MSDS; hydrocarbons).

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

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 organicsolvents, washing liquids and mother liquors.

Packaging:

Product packaging must be disposed of in compliance with the country-specific regulations or must

Product name: Hartwachs
Revision date: 16.03.2018

be to a packaging return system.

Code of the waste
200140

Name according to directive 2000/532/EC:
Metals.

SECTION 14: Transport information

Road and rail, ADR/RID

UN 3295 HYDROCARBONS, LIQUID, N.O.S., 3, III (D/E)

Environmentally hazardous: No.

Inland waterway, ADN

Not tested.

Sea, IMDG-Code

UN 3295 HYDROCARBONS, LIQUID, N.O.S., 3, III (36 °C c.c.)

EmS: F-E, S-D

Marine pollutant: No.

Air, IATA-DGR

UN 3295 HYDROCARBONS, LIQUID, N.O.S., 3, III

Environmentally hazardous: No.

The transport regulations are cited according to international regulations and in the form applicable in Germany. Possible national deviations in other countries are not considered.

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:

Aliphatic hydrocarbons: 30 % and more.

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:

H226 Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

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.