

Safety Data Sheet

according to Regulation (EC) No 1907/2006

OLI-NATURA Hartwachsöl

Print date: 09.10.2014

Product code: A01368

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

1.1. Product identifier

OLI-NATURA Hartwachsöl

Further trade names

OLI-NATURA Hartwachsöl
diverse Glanzgrade
diverse Farbtöne

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

1.3. Details of the supplier of the safety data sheet

Company name:	Oli Lacke GmbH	
Street:	Bahnhofstrase 22	
Place:	D-09244 Lichtenau	
Telephone:	+49(0)37208/84200	Telefax: +49(0)37208/84268
e-mail:	entwicklung@oli-lacke.de	
Internet:	www.oli-lacke.de	

1.4. Emergency telephone number: Gemeins. Gifinformationszentrum Erfurt
+49(0)361/730730

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

R phrases:
Flammable.
Repeated exposure may cause skin dryness or cracking.

2.2. Label elements

Hazardous components which must be listed on the label

Selbstentzündungsgefahr! Getränkte Lappen/ Pads sofort nach Gebrauch reinigen oder unter Wasser aufbewahren. Enthält 2- Butanonoxim. Kann allergische Reaktionen hervorrufen.

R phrases

10 Flammable.
66 Repeated exposure may cause skin dryness or cracking.

S phrases

23 Do not breathe Aerosol/ Dampf.
46 If swallowed, seek medical advice immediately and show this container or label.
51 Use only in well-ventilated areas.
62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Gemisch aus nachfolgend aufgeführten Stoffen mit ungefährlichen Beimengungen:

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Hazardous components

EC No	Chemical name	Quantity
CAS No	Classification	
Index No	GHS classification	
REACH No		
265-151-9	Naphtha (petroleum), hydrotreated light; Low boiling point hydrogen treated naphtha	65 - < 70 %
64742-49-0	Xn - Harmful R10-38-65-67	
202-496-6	2-butanone oxime, ethyl methyl ketone oxime, ethyl methyl ketoxime	< 1 %
96-29-7	Carc. Cat. 3, Xn - Harmful, Xi - Irritant R40-21-41-43	
616-014-00-0	Carc. 2, Acute Tox. 4, Eye Dam. 1, Skin Sens. 1; H351 H312 H318 H317	

Full text of R and H phrases: see Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

After inhalation

Move victim to fresh air. Put victim at rest and keep warm. In case of irregular breathing or respiratory arrest provide artificial respiration. If unconscious place in recovery position and seek medical advice.

After contact with skin

Remove contaminated, saturated clothing immediately. After contact with skin, wash immediately with plenty of water and soap.

After contact with eyes

Remove contact lenses, if present and easy to do. Continue rinsing. In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Subsequently consult an ophthalmologist.

After ingestion

If swallowed, seek medical advice immediately and show this container or label. Do NOT induce vomiting.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

In case of fire, use sand, extinguishing powder or alcohol resistant foam.

Unsuitable extinguishing media

High power water jet.

5.2. Special hazards arising from the substance or mixture

In case of fire and/or explosion do not breathe fumes.

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

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

Keep away from sources of ignition. - No smoking. Provide adequate ventilation. In case of fire and/or explosion do not breathe fumes.

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6.2. Environmental precautions

Do not allow to enter into surface water or drains. Observe in addition any national regulations!

6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).
Treat the recovered material as prescribed in the section on waste disposal.

6.4. Reference to other sections

See chapter 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

In case of insufficient ventilation and/or through use, explosive/highly flammable mixtures may develop. Even after use and until complete evaporation of the flammable components, there is still a danger of an explosive steam-air mixture forming. Only use the material in places where open light, fire and other flammable sources can be kept away. Take precautionary measures against static discharge. When using do not eat, drink or smoke.

Advice on protection against fire and explosion

Concentrated vapours are heavier than air. Vapours may form explosive mixtures with air.

Further information on handling

Materials such as cleaning rags, paper wipes and protective clothing, which are contaminated with the product may spontaneously self-ignite some hours later. Observe in addition any national regulations!

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed in a cool, well-ventilated place. Never use pressure to empty container. When using do not eat, drink, smoke, sniff. Store in a place accessible by authorized persons only. After use lock the container immediately.

Advice on storage compatibility

Von stark sauren oder alkalischen Materialien oder Oxidationsmitteln fernhalten.

Further information on storage conditions

Keep only in the original container in a cool, well-ventilated place. Keep away from heat.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.2. Exposure controls

Appropriate engineering controls

Use only in well-ventilated areas.

Protective and hygiene measures

Wash hands before breaks and after work. Do not eat, drink, smoke or sneeze at the workplace.

Eye/face protection

Tightly sealed safety glasses.

Hand protection

Tested protective gloves are to be worn: NBR (Nitrile rubber).

Skin protection

Protective clothing: Natural fibres (e.g. cotton) heat-resistant synthetic fibres

Respiratory protection

During spraying wear suitable respiratory equipment. Observe the wear time limits according GefStoffV in combination with the rules for using respiratory protection apparatus (BGR 190).

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: liquid
 Colour:

Test method

Changes in the physical state

Flash point: > 23 °C
 Lower explosion limits: 0,6 g/m³
 Upper explosion limits: 7,0 g/m³
 Ignition temperature: 230 °C
 Vapour pressure: 9 hPa
 (at 20 °C)
 Density: 0,84 g/cm³
 Flow time: verarbeitungsfertig
 Solvent separation test: < 3 %
 Solvent content: 69 %

9.2. Other information

Solid content: 31 %

SECTION 10: Stability and reactivity

10.1. Reactivity

refer to chapter 7. No further action is necessary.

10.3. Possibility of hazardous reactions

Exothermic reactions with: Alkalis (alkalis), concentrated. Acid, concentrated. Oxidizing agents, strong.

10.4. Conditions to avoid

Thermal decomposition can lead to the escape of irritating gases and vapours.

10.6. Hazardous decomposition products

Carbon monoxide. Carbon dioxide. Nitrogen oxides (NOx).

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

CAS No	Chemical name				
	Exposure routes	Method	Dose	Species	Source
96-29-7	2-butanone oxime, ethyl methyl ketone oxime, ethyl methyl ketoxime				
	dermal	ATE	1100 mg/kg		

Carcinogenic/mutagenic/toxic effects for reproduction

The components in this formulation do not meet the criteria for classification as CMR category 1 or 2.

Additional information on tests

There are no data available on the preparation/mixture itself. The classification was carried out according to the calculation method of the Preparations Directive (1999/45/EC).

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SECTION 12: Ecological information

12.1. Toxicity

CAS No	Chemical name					
	Aquatic toxicity	Method	Dose	[h] [d]	Species	Source
96-29-7	2-butanone oxime, ethyl methyl ketone oxime, ethyl methyl ketoxime					
	Acute crustacea toxicity	EC50	750 mg/l	48 h	Daphnia magna	

12.3. Bioaccumulative potential

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
96-29-7	2-butanone oxime, ethyl methyl ketone oxime, ethyl methyl ketoxime	0,63

12.5. Results of PBT and vPvB assessment

The components in this formulation do not meet the criteria for classification as PBT or vPvB.

Further information

There are no data available on the preparation/mixture itself. The classification was carried out according to the calculation method of the Preparations Directive (1999/45/EC).

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Advice on disposal

Dispose of waste according to applicable legislation.

Waste disposal number of waste from residues/unused products

080111 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU and removal of paint and varnish; waste paint and varnish containing organic solvents or other dangerous substances
Classified as hazardous waste.

Waste disposal number of used product

080111 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU and removal of paint and varnish; waste paint and varnish containing organic solvents or other dangerous substances
Classified as hazardous waste.

Waste disposal number of contaminated packaging

080111 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU and removal of paint and varnish; waste paint and varnish containing organic solvents or other dangerous substances
Classified as hazardous waste.

Contaminated packaging

Handle contaminated packages in the same way as the substance itself.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number:

UN1263

14.2. UN proper shipping name:

PAINT (including paint, lacquer, enamel, stain, shellac solutions, varnish, polish, liquid filler and liquid lacquer base)

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14.3. Transport hazard class(es): 3
14.4. Packing group: III
 Hazard label: 3
 Classification code: F1
 Special Provisions: 163 640E 650
 Limited quantity: 5 L
 Transport category: 3
 Hazard No: 30
 Tunnel restriction code: D/E

Other applicable information (land transport)

E1

Inland waterways transport (ADN)

14.1. UN number: UN1263
14.2. UN proper shipping name: PAINT (including paint, lacquer, enamel, stain, shellac solutions, varnish, polish, liquid filler and liquid lacquer base)

14.3. Transport hazard class(es): 3
14.4. Packing group: III
 Hazard label: 3
 Classification code: F1
 Special Provisions: 163 640E 650
 Limited quantity: 5 L

Other applicable information (inland waterways transport)

E1

Marine transport (IMDG)

14.1. UN number: UN1263
14.2. UN proper shipping name: PAINT (including paint, lacquer, enamel, stain, shellac solutions, varnish, polish, liquid filler and liquid lacquer base)

14.3. Transport hazard class(es): 3
14.4. Packing group: III
 Hazard label: 3
 Special Provisions: 163, 223, 955
 Limited quantity: 5 L
 EmS: F-E, S-E

Other applicable information (marine transport)

E1

Air transport (ICAO)

14.1. UN number: UN1263
14.2. UN proper shipping name: PAINT (including paint, lacquer, enamel, stain, shellac solutions, varnish, polish, liquid filler and liquid lacquer base)

14.3. Transport hazard class(es): 3
14.4. Packing group: III
 Hazard label: 3
 Special Provisions: A3 A72
 Limited quantity Passenger: 10 L

IATA-packing instructions - Passenger: 355
 IATA-max. quantity - Passenger: 60 L
 IATA-packing instructions - Cargo: 366

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IATA-max. quantity - Cargo:

220 L

Other applicable information (air transport)

E1

Passenger-LQ: Y344

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulatory information**

1999/13/EC (VOC): 583 g/l

National regulatory information

Water contaminating class (D): 1 - slightly water contaminating

SECTION 16: Other information**Full text of R phrases referred to under Sections 2 and 3**

- | | |
|----|---|
| 10 | Flammable. |
| 21 | Harmful in contact with skin. |
| 38 | Irritating to skin. |
| 40 | Limited evidence of a carcinogenic effect. |
| 41 | Risk of serious damage to eyes. |
| 43 | May cause sensitisation by skin contact. |
| 65 | Harmful: may cause lung damage if swallowed. |
| 66 | Repeated exposure may cause skin dryness or cracking. |
| 67 | Vapours may cause drowsiness and dizziness. |

Full text of H statements referred to under Sections 2 and 3

- | | |
|------|--------------------------------------|
| H312 | Harmful in contact with skin. |
| H317 | May cause an allergic skin reaction. |
| H318 | Causes serious eye damage. |
| H351 | Suspected of causing cancer. |

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)