

# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## OLI-KS Hartsiegel

Print date: 19.05.2016

Product code: A03676

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

#### 1.1. Product identifier

OLI-KS Hartsiegel

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

##### Use of the substance/mixture

Colour

#### 1.3. Details of the supplier of the safety data sheet

Company name:	Oli Lacke GmbH	
Street:	Bahnhofstrasse 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

Gemeins. Gifinformationszentrum Erfurt

##### number:

+49(0)361/730730

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

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

Hazard categories:

Flammable liquid: Flam. Liq. 3

Specific target organ toxicity - single exposure: STOT SE 3

Hazardous to the aquatic environment: Aquatic Chronic 3

Hazard Statements:

Flammable liquid and vapour.

May cause drowsiness or dizziness.

Harmful to aquatic life with long lasting effects.

#### 2.2. Label elements

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

##### Hazard components for labelling

Naphtha (petroleum), hydrotreated light; Low boiling point hydrogen treated naphtha

Lösungsmittelnaphtha, niedrig siedend (Benzolgehalt < 0,1 Gew.%)

Lösungsmittelnaphtha leicht, Benzolgehalt < 0,1 Gew. %

Materials such as cleaning rags, paper wipes and protective clothing, which are contaminated with the product may spontaneously self-ignite some hours later.

**Signal word:** Warning

**Pictograms:**



##### Hazard statements

H226	Flammable liquid and vapour.
H336	May cause drowsiness or dizziness.
H412	Harmful to aquatic life with long lasting effects.

##### Precautionary statements

P280	Wear protective gloves/protective clothing/eye protection/face protection.
P273	Avoid release to the environment.
P102	Keep out of reach of children.

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P271 Use only outdoors or in a well-ventilated area.

### Special labelling of certain mixtures

EUH208 Contains 2-Butanonoxim (vgl. Ethylmethylketoxim), Co-bis(2-Ethylhexanoat). May produce an allergic reaction.

### 2.3. Other hazards

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### Chemical characterization

Gemisch aus nachfolgend aufgeführten Stoffen mit ungefährlichen Beimengungen:

#### Hazardous components

CAS No	Chemical name	Quantity
	EC No	Index No
	REACH No	
	Classification according to Regulation (EC) No. 1272/2008 [CLP]	
64742-49-0	Naphtha (petroleum), hydrotreated light; Low boiling point hydrogen treated naphtha	30 - < 35 %
	265-151-9	01-2119471843-32
	Flam. Liq. 3, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 3; H226 H336 H304 H412	
64742-49-0	Lösungsmittelnaphtha, niedrig siedend (Benzolgehalt < 0,1 Gew.%)	15 - < 20 %
	265-151-9	01-2119471843-32
	Flam. Liq. 2, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 3; H225 H336 H304 H412	
64742-95-6	Lösungsmittelnaphtha leicht, Benzolgehalt < 0,1 Gew. %	1 - < 5 %
	265-199-0	01-2119455851-35
	STOT SE 3, Asp. Tox. 1, Aquatic Chronic 2; H336 H304 H411	
96-29-7	2-butanone oxime, ethyl methyl ketone oxime, ethyl methyl ketoxime	< 1 %
	202-496-6	616-014-00-0
	Carc. 2, Acute Tox. 4, Eye Dam. 1, Skin Sens. 1; H351 H312 H318 H317	
22464-99-9	2-Ethylhexansäure, Zirconiumsalz	< 1 %
	245-018-1	01-2119979088-21
	Repr. 2; H361d	

Full text of H and EUH statements: see section 16.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information

In all cases of doubt, or when symptoms persist, seek medical advice. Never give anything by mouth to an unconscious person or a person with cramps. If unconscious place in recovery position and seek medical advice.

#### 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.

#### After contact with skin

Remove contaminated, saturated clothing immediately. After contact with skin, wash immediately with plenty of water and soap. Do not wash with: Solvents/Thinner

#### After contact with eyes

Remove contact lenses, if present and easy to do. Continue rinsing. In case of contact with eyes, rinse

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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. If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention.

**4.2. Most important symptoms and effects, both acute and delayed**

Impaired consciousness

**4.3. Indication of any immediate medical attention and special treatment needed**

Immediately call a doctor.

**SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media**

alcohol resistant foam. Carbon dioxide (CO<sub>2</sub>). Extinguishing powder. Water mist

**Unsuitable extinguishing media**

High power water jet.

**5.2. Special hazards arising from the substance or mixture**

Burning produces heavy smoke. Hazardous decomposition products: carbon black Danger of serious damage to health by prolonged exposure. Use appropriate respiratory protection.

**5.3. Advice for firefighters**

Use water spray jet to protect personnel and to cool endangered containers. 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. Safe handling: see section 7 Personal protection equipment: see section 8

**6.2. Environmental precautions**

Do not allow to enter into surface water or drains. Observe in addition any national regulations! In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

**6.3. Methods and material for containment and cleaning up**

Prevent spread over a wide area (e.g. by containment or oil barriers). 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. Clean with detergents. Avoid solvent cleaners.

**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. Use explosion-proof electrical equipment. Provide earthing of containers, equipment, pumps and ventilation facilities. Wear anti-static footwear and clothing Use only antistatically equipped (spark-free) tools.

Avoid contact with skin, eyes and clothes. Avoid: Inhalation of vapours or spray/mists, Inhalation of dust/particles When using do not eat, drink or smoke. Keep away from sources of heat (e.g. hot surfaces), sparks and open flames.

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Never use pressure to empty container. Keep/Store only in original container.  
Do not allow to enter into surface water or drains.

**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**

Betriebssicherheitsverordnung (BetrSichV)

**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. Notice the directions for use on the label. Keep container tightly closed in a cool, well-ventilated place. Protect from sunlight. Keep away from sources of ignition. - No smoking. Store in a place accessible by authorized persons only. Always close containers tightly after the removal of product.

**7.3. Specific end use(s)**

Observe technical data sheet.

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****8.2. Exposure controls****Appropriate engineering controls**

Use only in well-ventilated areas. If handled uncovered, arrangements with local exhaust ventilation should be used if possible. If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.

**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). The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. Use protective skin cream before handling the product.

**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).

**Environmental exposure controls**

Do not allow to enter into surface water or drains.

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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	DIN EN ISO 1523
Lower explosion limits:	0,6 vol. %	
Upper explosion limits:	7,0 vol. %	
Vapour pressure: (at 20 °C)	35 hPa	
Density (at 20 °C):	0,89 g/cm <sup>3</sup>	ISO 2811
Flow time: (at 20 °C)	verarbeitungsfertig	
Solvent separation test:	< 3 %	
Solvent content:	56 %	
Solid content:	44 %	

#### 9.2. Other information

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

refer to chapter 7. No further action is necessary.

#### 10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

#### 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.

#### 10.5. Incompatible materials

Rubber articles

#### 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 route	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.

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### 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).

### Practical experience

#### Observations relevant to classification

In case of inhalation

Adverse human health effects and symptoms :May cause respiratory irritation. May cause damage to liver if inhaled. May cause damage to kidneys if inhaled. Central nervous system depression - Dizziness, Headache, Drowsiness, Unconsciousness

After eye contact:

Irritating to eyes.

In case of ingestion :

Vomiting , Gastrointestinal complaints

After skin contact:

The product is skin resorptive. Prolonged or repeated skin contact may cause removal of natural fat from the skin resulting in dermatitis (skin inflammation).

## SECTION 12: Ecological information

### 12.1. Toxicity

There are no data available on the mixture itself.

CAS No	Chemical name				
	Aquatic toxicity	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

### 12.2. Persistence and degradability

There are no data available on the mixture itself.

### 12.3. Bioaccumulative potential

There are no data available on the mixture itself.

#### 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

### 12.4. Mobility in soil

There are no data available on the mixture itself.

### 12.5. Results of PBT and vPvB assessment

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

### 12.6. Other adverse effects

There are no data available on the preparation/mixture itself.

### 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

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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 hazardous 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 hazardous 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 hazardous 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:** UN 1263  
**14.2. UN proper shipping name:** Paint  
**14.3. Transport hazard class(es):** 3  
**14.4. Packing group:** II  
 Hazard label: 3  
 Classification code: F1  
 Special Provisions: 163 640D 650  
 Limited quantity: 5 L  
 Excepted quantity: E2  
 Transport category: 2  
 Hazard No: 33  
 Tunnel restriction code: D/E

#### Inland waterways transport (ADN)

**14.1. UN number:** UN 1263  
**14.2. UN proper shipping name:** Paint  
**14.3. Transport hazard class(es):** 3  
**14.4. Packing group:** II  
 Hazard label: 3  
 Classification code: F1  
 Special Provisions: 163 640D 650  
 Limited quantity: 5 L  
 Excepted quantity: E2

#### Marine transport (IMDG)

**14.1. UN number:** UN 1263  
**14.2. UN proper shipping name:** Paint  
**14.3. Transport hazard class(es):** 3  
**14.4. Packing group:** II

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Hazard label:	3
Special Provisions:	163
Limited quantity:	5 L
Excepted quantity:	E2
EmS:	F-E, S-E

### Air transport (ICAO)

<b>14.1. UN number:</b>	UN 1263
<b>14.2. UN proper shipping name:</b>	Paint
<b>14.3. Transport hazard class(es):</b>	3
<b>14.4. Packing group:</b>	II
Hazard label:	3
Special Provisions:	A3 A72
Limited quantity Passenger:	1 L
Passenger LQ:	Y341
Excepted quantity:	E2
IATA-packing instructions - Passenger:	353
IATA-max. quantity - Passenger:	5 L
IATA-packing instructions - Cargo:	364
IATA-max. quantity - Cargo:	60 L

### 14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

### 14.6. Special precautions for user

refer to chapter 7. No further action is necessary.

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

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

## SECTION 15: Regulatory information

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

#### EU regulatory information

2004/42/EC (VOC): 498 g/l

#### National regulatory information

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

### 15.2. Chemical safety assessment

For this substance a chemical safety assessment is not required.

## SECTION 16: Other information

### Relevant H and EUH statements (number and full text)

H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H336	May cause drowsiness or dizziness.
H351	Suspected of causing cancer.
H361d	Suspected of damaging the unborn child.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.



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EUH208                      Contains 2-Butanonoxim (vgl. Ethylmethylketoxim), Co-bis(2-Ethylhexanoat). May produce an allergic reaction.

**Further Information**

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

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