

# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## OLI-NATURA HS Coloröl

Print date: 09.10.2014

Product code: A01382

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

#### 1.1. Product identifier

OLI-NATURA HS Coloröl

##### Further trade names

OLI-NATURA HS Coloröl  
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:  
Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

#### 2.2. Label elements

##### Hazardous components which must be listed on the label

Contains Butanonoxim, Co(II)-Salze: May produce an allergic reaction.  
Selbstentzündungsgefahr! Getränke Lappen/Pads sofort nach Gebrauch reinigen oder unter Wasser lagern.

**R phrases**  
52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**S phrases**  
36/37 Wear suitable protective clothing and gloves.

### 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         |  |             |
| 292-460-6        | Isopar L (Xn)  | 10 - < 15 % |
| 90622-58-5       | Xn - Harmful R65-66  |             |
| 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 |             |
| 286-272-3        | Zink(2-ethylhexanoat), basisch                                       | < 1 %       |
| 85203-81-2       | Xi - Irritant, N - Dangerous for the environment R38-51/53           |             |
| 205-250-6        | Cobaltbis(2-ethylhexanoat)   | < 1 %       |
| 136-52-7         | Repr. Cat. 3, N - Dangerous for the environment R62-43-50-53         |             |
| 01-2119524678-29 |  |             |

Full text of R and H phrases: 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.

#### 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.

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### **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.

### **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.

### **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.

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### 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).

## 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:                   | > 61 °C                |
| Lower explosion limits:        | 0,6 vol. %             |
| Upper explosion limits:        | 7 vol. %               |
| Ignition temperature:          | 240 °C                 |
| Vapour pressure:<br>(at 20 °C) | 3 hPa                  |
| Density:                       | 0,99 g/cm <sup>3</sup> |
| Flow time:<br>(at 20 °C)       | verarbeitungsfertig    |
| Solvent separation test:       | < 3 %                  |
| Solvent content:               | 19 %                   |

### 9.2. Other information

Solid content: 81 %

## 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

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### 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).

## 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

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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)

#### Other applicable information (land transport)

No dangerous good in sense of these transport regulations.

### Inland waterways transport (ADN)

#### Other applicable information (inland waterways transport)

No dangerous good in sense of these transport regulations.

### Marine transport (IMDG)

#### Other applicable information (marine transport)

No dangerous good in sense of these transport regulations.

### Air transport (ICAO)

#### Other applicable information (air transport)

No dangerous good in sense of these transport regulations.

## 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): 188 g/l

#### National regulatory information

Water contaminating class (D): 2 - water contaminating

## SECTION 16: Other information

### Full text of R phrases referred to under Sections 2 and 3

|       |   |
|-------|---|
| 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.  |
| 50    | Very toxic to aquatic organisms.  |
| 51/53 | Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.   |
| 52/53 | Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. |
| 53    | May cause long-term adverse effects in the aquatic environment.                               |
| 62    | Possible risk of impaired fertility.  |
| 65    | Harmful: may cause lung damage if swallowed.  |
| 66    | Repeated exposure may cause skin dryness or cracking.   |

### 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.         |

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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.)*