

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 27.08.2010

Revision: 07.10.2009

1 Identification of substance:

- **Trade name:** OKS 255
- **Application of the substance / the preparation** Lubricant
- **Manufacturer/Supplier:**
OKS Spezialschmierstoffe GmbH
Triebstrasse 9
D-80993 München
Phone (+49)-89-149892-0
Fax. (+49) 089-1419219
E-Mail: mcm@oks-germany.com
- **Emergency information:** (+49)89-149892-17

2 Hazards identification

- **Hazard designation:**



Xn Harmful

- **Information pertaining to particular dangers for man and environment**

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

R 40 Limited evidence of a carcinogenic effect.

R 43 May cause sensitisation by skin contact.

R 48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.

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

- **Classification system**

The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.

3 Composition/information on ingredients

- **Chemical characterization**

- **Description:** Mixture of the substances listed below with harmless additions.

- **Dangerous components:**

CAS: 7440-02-0 nickel	5-15%
EINECS: 231-111-4 T, Xi; R 40-43-48/23	

CAS: 3115-49-9 4-nonyl-phenoxy-acetic acid	< 1.0%
EINECS: 221-486-2 C, Xn, N; R 22-34-43-51/53	

CAS: 61791-55-7 Amines, N-tallow alkyltrimethylenedi-	< 1.0%
EINECS: 263-189-0 C, Xn, N; R 22-34-50	

- **Additional information** For the wording of the listed risk phrases refer to section 16.

4 First aid measures

- **After inhalation** Supply fresh air; consult doctor in case of symptoms.
- **After skin contact** Wash with water and soap and rinse thoroughly.
- **After eye contact**
Rinse opened eye for several minutes under running water. Then consult doctor.

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- **After swallowing** Do not induce vomiting; instantly call for medical help.

5 Fire fighting measures

- **Suitable extinguishing agents**
CO₂, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.
- **For safety reasons unsuitable extinguishing agents** Water with a full water jet.
- **Protective equipment:** Wear self-contained breathing apparatus.

6 Accidental release measures

- **Person-related safety precautions:** Particular danger of slipping on leaked/spilled product.
- **Measures for environmental protection:**
Do not allow product to reach sewage system or water bodies.
Do not allow to enter the ground/soil.
- **Measures for cleaning/collecting:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose of contaminated material as waste according to item 13.

7 Handling and storage

- **Handling**
- **Information for safe handling:** Ensure good ventilation/exhaustion at the workplace.
- **Information about protection against explosions and fires:** No special measures required.
- **Storage**
- **Requirements to be met by storerooms and containers:** Store in cool location.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** None.

8 Exposure controls and personal protection

- **Components with critical values that require monitoring at the workplace:**
7440-02-0 nickel
WEL Long-term value: 0.5 mg/m³
as Ni
- **Additional information:**
The currently valid safety information database was used to compile this data sheet.
- **Personal protective equipment**
- **Breathing equipment:** Not necessary if room is well-ventilated.
- **Protection of hands:** Protective gloves.
- **Material of gloves** Nitrile rubber, NBR
- **Penetration time of glove material**
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:** Safety glasses

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9 Physical and chemical properties:

- **General Information**

Form:	Paste
Colour:	Grey
Smell:	Characteristic

- **Change in condition**

Melting point/Melting range:	Not determined
Boiling point/Boiling range:	Not determined

- **Flash point:** Not applicable
- **Self-inflammability:** Product is not self igniting.
- **Danger of explosion:** Product is not explosive.
- **Density at 20°C** 1.16 g/cm³
- **Solubility in / Miscibility with Water:** insoluble

10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **Materials to be avoided:**
- **Dangerous reactions** Reacts with acids
- **Dangerous products of decomposition:** Carbon monooxide

11 Toxicological information

- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** Irritant for skin and mucous membranes.
- **on the eye:** Irritant effect.
- **Sensitization:** Sensitization possible by skin contact.
- **Sensitisation** May cause sensitisation by skin contact.

12 Ecological information:

- **Additional ecological information:**
- **General notes:** Water hazard class 1 (Self-assessment): slightly hazardous for water.

13 Disposal considerations

- **Product:**
- **Recommendation**
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **European waste catalogue**
12 01 12 spent waxes and fats

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- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

- **Transport/Additional information:** Not dangerous according to the above specifications.

15 Regulatory information

- **Designation according to EC guidelines:**
- **Code letter and hazard designation of product:**



Xn Harmful

- **Hazard-determining components of labelling:**
nickel
- **Risk phrases:**
40 Limited evidence of a carcinogenic effect.
43 May cause sensitisation by skin contact.
48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.
52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- **Safety phrases:**
23 Do not breathe fumes.
36/37/39 Wear suitable protective clothing, gloves and eye/face protection.
45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
61 Avoid release to the environment. Refer to special instructions/safety data sheets.
- **Special designation of certain preparations:**
Contains nickel. May produce an allergic reaction.
- **National regulations**
- **Water hazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.

16 Other information:

This data is based on our present knowledge. However, it shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Relevant R-phrases**
22 Harmful if swallowed.
34 Causes burns.
40 Limited evidence of a carcinogenic effect.
43 May cause sensitisation by skin contact.
48/23 Toxic: danger of serious damage to health by prolonged exposure through inhalation.
50 Very toxic to aquatic organisms.
51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- **Department issuing data specification sheet:** Technical departement

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- **Contact:** Technical departement
- * **Data compared to the previous version altered.**

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