

Material Safety Data Sheet

According to 91/155 EEC



Printing date 08.06.2005

Reviewed on 21.09.2004

1 Identification of substance:

- **Product details:**
- **Trade name:** LUSIN ALRO OW 22
- **Application of the substance / the preparation** Coating
- **Manufacturer/Supplier:**
OKS Spezialschmierstoffe GmbH
Triebstrasse 9
D-80993 München
Phone (+49)-89-149892-0
Fax (+49)-89-1419219
Emergency phone (+49)-148989217
- **Informing department:** Technical departement
- **Emergency information:**
OKS Spezialschmierstoffe GmbH
Triebstraße 9
D-80993 München
Tel. (+49) 089-149892-0
Fax (+49) 089-1419219

2 Composition/Data on components:

- **Chemical characterization:**
- **CAS No. Designation:**
void
7732-18-5 water, distilled, conductivity or of similar purity
- **Identification number(s):** void
- **EINECS Number:** 231-791-2

3 Hazards identification

- **Hazard designation:** void
- **Information pertaining to particular dangers for man and environment** void

4 First aid measures

- **General information** No special measures required.
- **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.
- **After swallowing** In case of persistent symptoms consult doctor.

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5 Fire fighting measures

- **Suitable extinguishing agents** Use fire fighting measures that suit the environment.

6 Accidental release measures

- **Person-related safety precautions:** Not required.
- **Measures for environmental protection:**
Do not allow to enter drainage system, surface or ground water.
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 the material collected according to regulations.
- **Additional information:** No dangerous materials are released.

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:** No special requirements.
- **Information about storage in one common storage facility:**
Do not store together with alkalis (caustic solutions).
Do not store together with acids.
- **Further information about storage conditions:**
Protect from frost.
Protect from heat and direct sunlight.

8 Exposure controls and personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Components with critical values that require monitoring at the workplace:**
Not required.
- **Additional information:**
The currently valid safety information database was used to compile this data sheet.
- **Personal protective equipment**
- **General protective and hygienic measures**
Do not eat, drink or smoke while working.
Instantly remove any soiled and impregnated garments.
Wash hands during breaks and at the end of the work.
- **Breathing equipment:** Not required.
- **Protection of hands:**
Preventive skin protection by use of skin-protecting agents is recommended.
- **Material of gloves -**

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- **Penetration time of glove material -**
- **Eye protection:** Safety glasses recommended during refilling.

9 Physical and chemical properties:

- **General Information**

Form:	Fluid
Colour:	White
Smell:	Characteristic

- **Change in condition**

Melting point/Melting range: Not determined
Boiling point/Boiling range: 100°C

- **Flash point:** Not applicable
- **Danger of explosion:** Product is not explosive.
- **Vapor pressure at 20°C:** 23 hPa
- **Density at 20°C** 0.9-1 g/cm³ (DIN 51 757)
- **Solubility in / Miscibility with Water:** Fully miscible

10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **Dangerous reactions** Reacts with strong acids and alkali
- **Dangerous products of decomposition:** No dangerous decomposition products known

11 Toxicological information

- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritant effect.
- **Sensitization:** No sensitizing effect known.
- **Additional toxicological information:**
When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

12 Ecological information:

- **General notes:**
Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

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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**
16 10 02 aqueous liquid wastes other than those mentioned in 16 10 01
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

- **Land transport ADR/RID and GGVS/GGVE (cross-border/domestic)**
- **ADR/RID-GGVS/E Class:** -
- **Maritime transport IMDG/GGVSea:**
- **IMDG/GGVSea Class:** -
- **Marine pollutant:** No
- **Air transport ICAO-TI and IATA-DGR:**
- **ICAO/IATA Class:** -
- **Transport/Additional information:** Not dangerous according to the above specifications.

15 Regulatory information

- **National regulations**
- **Water hazard class:** Generally not 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.

- **Department issuing data specification sheet:** Technical departement
- **Contact:** Technical departement