

Rev.: 02

Trade name: LIFT-O-MAT

**SECTION 1: Identification of the substance/
mixture and of the company/undertaking****1.1 Product identifier**

2082LR

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

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1.3. Details of the supplier of the safety data sheet**Address of manufacturer / supplier**

Stabilus GmbH
 Wallersheimer Weg 100
 D-56070 Koblenz
 Tel. xx49/261/8900-0

Responsible for the safety data sheet:

sds@gbk-ingelheim.de

Information giving division (application engineering):

(xx49/261/8900-359) Mr. Milles Dpt. DEME

1.4 Emergency enquiry / Emergency Number.:

24h-Hotline (xx49/6132/84463)
 (GBK Gefahrgut Buero GmbH, Ingelheim)

Further Information

The following information refers to mineral oil.

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture**

This mixture is not classified as dangerous according to Directive 1999/45/EC.

2.2. Label elements**Additional advice on labelling**

The product does not require a hazard warning label in accordance with EC directives/the relevant national laws.

2.3. Other hazards

Frequent persistent contact with the skin may cause skin irritation.

Do not flush into surface water or sanitary sewer system.

**SECTION 3: Composition/information on
ingredients****3.1. Mixtures**

Chemical Characterisation of the content

Chem. name	Hazard Symbol	H-Sets
Mineral oil	not applicable	not applicable

Nitrogen not applicable not applicable

SECTION 4: First aid measures**4.1. Description of first aid measures****General information:**

Prolonged contact with the skin can cause dehydration and irritation.

After inhalation:

Fresh air! - If complaints persist, consult doctor.

After skin contact:

Rinse with water and soap. Intensive skin care required.

After contact with the eyes:

Immediately rinse with plenty of water (15mins.) and consult doctor.

After swallowing:

Do not induce vomiting. Consult doctor.

Information for the doctor:**4.2. Most important symptoms and effects, both acute
and delayed**

No data available.

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

Treat symptoms.

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

Suitable fire-extinguishing media:

Fire-extinguishing devices to be adjusted to ambient fires.

**Extinguishing media which must not be used for safety
reasons**

Full water jet.

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

Heating will cause pressure rise with risk of bursting.

Additional information

Cool containers at risk with water spray jet.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and
emergency procedures**

Avoid skin contact.

Immediately exchange contaminated workclothes.

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6.2. Environmental precautions

Avoid to get the mineral oil into the sewage system or surface water.

6.3. Methods and material for containment and cleaning up

Take up mineral oil with oil-binding material and dispose soaked material according to the regulations.

6.4. Reference to other sections

Information for disposal look up chapter 13.

SECTION 7: Handling and storage**7.1 Advice on safe handling****Precautions for safe handling**

No special precautions required.

7.2. Conditions for safe storage, including any incompatibilities**Requirements for storage rooms and vessels**

Protect from heat and direct solar radiation.

7.3. Specific end use(s)

No data available.

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

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8.2. Exposure controls**Occupational exposure controls**

Do not inhale gases/vapours/aerosols.

Protective and hygiene measures

Cloths contaminated with product should not be kept in trouser pockets.

Respiratory protection

Breathing apparatus in the event of aerosol or mist formation.

Hand protection

Glove material must be impermeable and resistant against product / substance / preparation. Gloves material should comply with breakthrough times, permeation rates, and degradation.

Requirements can vary as a function of the use. Therefore it is necessary to adhere additionally to the recommendations given by the manufacturer of protective gloves.

Eye protection

Protective goggles in the event of risk of splashes.

Skin protection:

only in case of prolonged skin contact.

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Form: liquid
 Colour: various
 Odour: like mineral oil

Changes in the physical state	Test method
Boiling point:	> 240 °C
Flashpoint:	> 120 °C ISO 2592
Vapour density at 20 °C:	max. 1mbar
Density:	ca. 0,80 – 0,95 g/cm ³
Solubility:	pract. insoluble
kin. Viscosity:	ca. 10 – 80 mm ² /s

9.2. Other information

No data available.

SECTION 10: Stability and reactivity**10.1. Reactivity**

No data available.

10.2. Chemical stability

No data available.

10.3. Possibility of hazardous reactions

No data available.

10.4. Conditions to avoid

No data available.

10.5. Incompatible materials

No data available.

10.6. Hazardous decomposition products

No decomposition if stored and applied as directed.

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Acute toxicity**

LD50, oral rats: > 2000 mg/kg
 LD50, dermal rabbits: > 3000 mg/kg

Specific effects in experiment on an animal

Repeated or prolonged exposure may cause skin irritation and dermatitis, due to degreasing properties of the product.

Further information

If appropriately handled and if in accordance with the general hygienic rules, no damages to health have become known.

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SECTION 12: Ecological information**12.1. Toxicity**

No data available.

12.2. Persistence and degradability

No data available.

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

No data available.

12.6. Other adverse effects

No data available.

Further information

Hazardous water pollutant.

Do not flush into surface water or sanitary sewer system.

SECTION 13: Disposal considerations**13.1. Waste treatment methods****Advice on disposal**

pressurized devices must be deaerated before disposal.

Adhere to the waste disposal provisions in force!

Where possible recycling is preferred to disposal.

Can be incinerated, when in compliance with local regulations.

Waste disposal number of waste from residues/unused products

130110 OIL WASTES AND WASTES OF LIQUID FUELS

(except edible oils, and those in chapters 05, 12 and 19);

waste hydraulic oils; mineral based non-chlorinated

hydraulic oils

Classified as hazardous waste.

SECTION 14: Transport information

According to special provision 283/594 of the ADR, special provision 283 of the IMDG-Code and the A114 a) to e) of the IATA-DGR this product is excepted from the application of the dangerous goods 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): 0 %

National regulatory information

Water contaminating class (D): 2 - water contaminating

15.2. Chemical Safety Assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information**Changes**

Changes in chapter: 2, 3, 10, 12, 15

Further Information

Data of items 4 to 8, as well as 10 to 12, do partly not refer to the use and the regular employing of the product (in this sense consult information on use and on product), but to liberation of major amounts in case of accidents and irregularities.

The information describes exclusively the safety requirements for the product(s) and is based on the present level of our knowledge.

The delivery specifications are contained in the corresponding product sheet.

This data does not constitute a guarantee for the characteristics of the product(s) as defined by the legal warranty regulations.

(n.a. = not applicable; n.d. = not determined)

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