

Safety data sheet
according to 1907/2006/EC, Article 31

Revision: 29.08.2011

1 Identification of the substance/mixture and of the company/undertaking

- Product identifier
- Trade name: RENOLIT LZR 000 FES - FES 25 KG PAIL
- Relevant identified uses of the substance or mixture and uses advised against
- Application of the substance / the preparation: Lubricating grease
- Details of the supplier of the safety data sheet
- Manufacturer/Supplier:
FUCHS EUROPE SCHMIERSTOFFE GMBH EXPORT DIVISION
Friesenheimer Str. 15
D-68169 Mannheim
Tel: ++49 (0)621/3701-0 (Switch Board)
Fax: ++49 (0)621/3701-570
- Informing department:
Product safety department
Tel: +49 (0)621 3701-1333 or -1313
Fax: 0621/3701-7303
E-Mail: Produktsicherheit@fuchs-europe.de
- Emergency telephone number:
Tel: +49 (0)621 3701-1333 or +49 (0)621 3701-0 (Switch Board)

2 Hazards identification

- #Classification# of the substance or mixture
- Classification according to #Directive 67/548/EEC or Directive 1999/45/EC#
By handling of mineral oil products and chemical products no particular hazard is known when normal precautions (item 7) and personal protective equipment (item 8) are kept.
 - Void
- Information concerning particular hazards for human and environment:
The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
This product is water polluting; see item 12.
- #Label# elements
- Labelling according to EU guidelines:
The product is not subject to identification regulations under EC Directives until 2008/1272/EC (1. CLP-ATP). Local regulations must be kept.
Observe the normal safety regulations when handling chemicals or mineral oil products.
- Special labelling of certain preparations:
Safety data sheet available for professional user on request.
- Other hazards
- Results of PBT and vPvB assessment
PBT:

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Not applicable.

vPvB:

Not applicable.

3 Composition/information on ingredients

- Chemical characterization: Mixtures
- Description:
Lubricating grease: Thickener system and additives in solvent refined mineral oil.

Dangerous components / Hazard communications / Concentration range %
ZnDTP 1-2.4 %

Xi R36; N R51/53

EINECS: 272-028-3

- Additional information

For the wording of the listed risk phrases refer to section 16.

4 First aid measures

- Description of first aid measures
- General information
Change clothes and shoes contaminated or soaked by the product.
Never put rags contaminated by the product into cloth-pockets.
- After inhalation Seek medical treatment in case of complaints.
- After skin contact
Instantly wash with water and soap and rinse thoroughly.
- After eye contact
Rinse opened eye for several minutes under running water.
- After swallowing Seek medical treatment.
- Information for doctor
- Most important symptoms and effects, both acute and delayed
 - No further relevant information available.
- Indication of any immediate medical attention and special treatment needed
 - No further relevant information available.

5 Firefighting measures

- Extinguishing media
- 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.
- Special hazards arising from the substance or mixture
 - No further relevant information available.
- Advice for firefighters

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- Protective equipment:
In case of fire fighting: wear self containing breathing apparatus

6 Accidental release measures

- Personal precautions, protective equipment and emergency procedures
Not required.
- Environmental precautions:
Do not allow to enter drainage system, surface or ground water.
- Methods and material for containment and cleaning up:
Collect mechanically.
Dispose of the material collected according to regulations.
- Reference to other sections
No dangerous materials are released.

7 Handling and storage

- Handling
- Precautions for safe handling No special measures required.
- Information about protection against explosions and fires:
No special measures required.

- Conditions for safe storage, including any incompatibilities
- Storage
- Requirements to be met by storerooms and containers:
No special requirements.
- Information about storage in one common storage facility:
Store away from foodstuffs.
- Further information about storage conditions:
Local regulations concerning handling and storage of waterpolluting products have to be followed.
- Specific end use(s) No further relevant information available.

8 Exposure controls/personal protection

- Additional information about design of technical systems:
No further data; see item 7.

- Control parameters
- Components with critical values that require monitoring at the workplace:
The product does not contain any relevant quantities of materials with TLVs / WELs that have to be monitored at the workplace.
- Additional information:
The lists that were valid during the compilation were used as basis.

- Exposure controls
- Personal protective equipment

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- General protective and hygienic measures
The usual precautionary measures should be adhered to in handling the chemicals and the mineral oil products.
Avoid close or long term contact with the skin.
Use skin protection cream for preventive skin protection.
Do not carry cleaning cloths impregnated with the product in trouser pockets.
- Breathing equipment: Not required.
- Protection of hands: Protective gloves and protective skin cream.
- Material of gloves
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
- 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.
- For the permanent contact gloves made of the following materials are suitable:
Nitrile rubber, NBR
Neoprene gloves
- Not suitable are gloves made of the following materials:
Butyl rubber, BR
Natural rubber, NR
- Eye protection: Not required.
- Body protection: Protective work clothing.

9 Physical and chemical properties

- Information on basic physical and chemical properties
- General Information
- Appearance:
- Form: Pasty
- Colour: Light green
- Smell: Characteristic
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- Change in condition
- Melting point/Melting range: Not determined
- Boiling point/Boiling range: not applicable or not determined
- Flash point: Not applicable
- Self-inflammability: Product is not selfigniting.
- Danger of explosion: Product is not explosive.
- Density at 25 ° C ca. 0.87 g/cm³ DIN 51 757
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- Solubility in / Miscibility with
- Water: Insoluble
- Viscosity or Consistency-Class: NLGI 000
- Other information No further relevant information available.

10 Stability and reactivity

- Reactivity
- Chemical stability
- Thermal decomposition / conditions to be avoided:
No decomposition if used according to specifications.
- Possibility of hazardous reactions
No dangerous reactions known
- Conditions to avoid No further relevant information available.
- Incompatible materials: No further relevant information available.
- Hazardous decomposition products:
No dangerous decomposition products known

11 Toxicological information

- Information on toxicological effects
- Acute toxicity:
- Primary irritant effect:
- on the skin: No irritant effect known.
- on the eye: No irritant effect known.
- Sensitization: No sensitizing effect known.
- Additional toxicological information:
The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.
When used and handled according to specifications, the product does not have any harmful effects according to our actual informations.

12 Ecological information

- Toxicity
Aquatic toxicity:
No further relevant information available.
- Persistence and degradability
• No further relevant information available.
- Behaviour in environmental systems:
- Bioaccumulative potential
No data available
- Mobility in soil No further relevant information available.
- Ecotoxicological effects:
- Behaviour in sewage processing plants:
The product swims on the water surface.

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- Additional ecological information:
- General notes:
German Water Endangering Class 1 (Self-assessment): slightly hazardous for water.
Do not allow to reach ground water, water bodies or sewage system.
- Results of PBT and vPvB assessment
PBT:
Not applicable.
vPvB:
Not applicable.
- Other adverse effects No further relevant information available.

13 Disposal considerations

- Waste treatment methods
- Recommendation
Smaller quantities have to be disposed in line with local legislation. When storing used mineral oil products, ensure that the categories for waste oil and mixing instructions are observed.
Delivery of waste oil only to officially authorized collectors.
- European waste catalogue 12 01 12: spent waxes and fats
- Uncleaned packagings:
- Recommendation:
Empty contaminated packagings thoroughly. They can be recycled after thorough and proper cleaning. Small one-way packagings have to be disposed according to the local regulations.
EWC 15 01 99.

14 Transport information

- UN-Number
- ADR -
- ADN -
- IMDG -
- IATA -
- UN proper shipping name
- ADR -
- ADN -
- IMDG -
- IATA -
- Transport hazard class(es)
- ADR -
- Class -
- ADN/R Class: -
- IMDG -
- Class -
- IATA -
- Class -

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- Packing group
- ADR -
- IMDG -
- IATA -
- Environmental hazards:
- Marine pollutant: No
- Special precautions for user Not applicable.
- Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code
 - Not applicable.
- Transport/Additional information:
No dangerous good acc. to dangerous goods/ transport directions.

15 Regulatory information

- Safety, health and environmental regulations/legislation specific for the substance or mixture
- National regulations
- German Water Hazard Class:
Water Engangering Class 1 (Self-assessment): slightly hazardous for water.
Substances of very high concern (SVHC) according to REACH, Article 31 out of the recent list: none

16 Other information

All ingredients are listed in the European Inventories.
These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. This data sheet is a safety data sheet according to 1907/2006/EC, article 31. For products which are not subject to classification according to EU lists this data sheet is made on a voluntary base.

- Relevant phrases
R36 Irritating to eyes.
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- Department issuing data specification sheet:
FUCHS EUROPE SCHMIERSTOFFE GMBH Export Division
Product Safety Departement
- Contact:
Product Safety Departement:
Tel: +49(0)621 3701-1333 Frau Ehrenfeld
- Validity:
With this latest edition of this MSDS all former editions are not valid any longer.
Changed items are marked with "*".

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