

Safety Data Sheet according to 1907/2006/EC, Article 31

Printing date 25.06.2009

Revision: 25.06.2009

1 Identification of substance

- **Product details:**
- **Trade name: Getriebefett für Motorsensen und Freischneider
Gear lubricant for brushcutters and clearing saws**
- **Article number:** 0781 120 1116, 0781 120 1117, 0781 120 1118
- **Application of the substance / the preparation** Lubricating grease.
- **Manufacturer/Supplier:**
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2 Hazards identification

- **Hazard designation:** void
- **Information pertaining to particular dangers for man 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.
- **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 made of named basic oils with additives and lithium soaps used as thickeners.

- **Dangerous components:**

CAS: 64742-52-5 EINECS: 265-155-0	Distillates (petroleum), hydrotreated heavy naphthenic	25-50%
CAS: 64742-65-0 EINECS: 265-169-7	Distillates (petroleum), solvent-dewaxed heavy paraffinic	50-100%

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

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4 First aid measures

- **After inhalation** Supply fresh air; consult doctor in case of symptoms.
- **After skin contact**
Instantly wash with water and soap and rinse thoroughly.
If skin irritation continues, consult a doctor.
- **After eye contact** Rinse opened eye for several minutes under running water. Then consult doctor.
- **After swallowing** Do not induce vomiting; instantly call for medical help.

5 Fire fighting measures

- **Suitable extinguishing agents**
Extinguishing powder, foam 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 caused by the material, its products of combustion or resulting gases:**
Formation of toxic gases is possible during heating or in case of fire.
Can be released in case of fire
Carbon monoxide (CO)
Nitrogen oxides (NOx)
- **Protective equipment:** Wear self-contained breathing apparatus.

6 Accidental release measures

- **Person-related safety precautions:**
Avoid contact with the product.
The usual precautionary measures should be adhered to general rules for handling chemicals.
- **Measures for environmental protection:**
Inform respective authorities in case product reaches water or sewage system.
Do not allow to enter drainage system, surface or ground water.
- **Measures for cleaning/collecting:**
Absorb with liquid-binding material (sand, diatomite, universal binders) and disposal in suitable containers.
- **Additional information:** See Section 13 for information on disposal.

7 Handling and storage

- **Handling**
- **Information for safe handling:** No special precautions necessary if used correctly.
- **Information about protection against explosions and fires:**
Protect from heat.
The product forms flammable fumes when heated.
- **Storage**
- **Requirements to be met by storerooms and containers:**
Store only undamaged original packaging drums.
- **Information about storage in one common storage facility:** Store away from oxidizing agents.
- **Further information about storage conditions:**
Storage between 18 and 65 °C.
Store under dry conditions.
Protect from heat and direct sunlight.

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8 Exposure controls and personal protection

· **Components with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

· **Additional information:** The lists that were valid during the compilation were used as basis.

· **Personal protective equipment**

· **General protective and hygienic measures**

The usual precautionary measures should be adhered to general rules for handling chemicals.

· **Breathing equipment:** Not required.

· **Protection of hands:**

Oil resistant gloves

In case of longer or repeated contact with the skin: use protective cream for the skin surfaces coming into contact with the product.

· **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 of a maximum of 15 minutes gloves made of the following materials are suitable:**

Nitrile rubber, NBR

· **Body protection:** Protective work clothing.

9 Physical and chemical properties

· **General Information**

Form:	Pasty
Colour:	Brown
Odour:	Type specific

· **Change in condition**

Melting point/Melting range: Not determined

Boiling point/Boiling range: Not determined

Drip point: 175 °C (ASTM D 566)

· **Flash point:** > 180 °C (ASTM D 92)

· **Ignition temperature:** > 300 °C (DIN 51794)

· **Self-inflammability:** Product is not selfigniting.

· **Danger of explosion:** Product is not explosive.

· **Vapour pressure at 20 °C:** 0.001 hPa

· **Density** Not determined

· **Solubility in / Miscibility with**

Water: Insoluble

· **pH-value at 20 °C:** n.a.

· **Solvent content:**

Organic solvents: 0.0 %

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Water: 0.0 %

10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **Materials to be avoided:** Avoid contact with strong oxidizing agents.
- **Dangerous reactions** No dangerous reactions known
- **Dangerous products of decomposition:** No dangerous decomposition products known

11 Toxicological information

- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** More frequent and continuous contact with the skin may result in irritation of the skin.
- **on the eye:** No irritant effect.
- **Sensitization:** Sensitizing effect by skin contact is possible by prolonged exposure.
- **Additional toxicological information:**
The product is not subject to classification according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version.

12 Ecological information

- **Information about elimination (persistence and degradability):**
- **Other information:**
Biodegradability is not probable due to the consistency as well as the low degree of water solubility of the product.
- **General notes:**
Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water.
Do not allow product to reach ground water, water bodies or sewage system.
Danger to drinking water if even small quantities leak into soil.

13 Disposal considerations

- **Product:**
- **Recommendation**
The waste code numbers mentioned are recommendations based on the probable use of the product.
The product is suitable for processing by an approved recycling facility or can be disposed of at any government approved waste disposal facility.

- **European waste catalogue**

12 00 00	WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METALS AND PLASTICS
12 01 00	wastes from shaping and physical and mechanical surface treatment of metals and plastics
12 01 12	spent waxes and fats

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- **Uncleaned packagings:**
- **Recommendation:** *Dispose of packaging according to regulations on the disposal of packagings.*

14 Transport information

- **Land transport ADR/RID (cross-border)**
- **ADR/RID-GGVSE Class:** *No hazardous good.*

- **Maritime transport IMDG:**
- **IMDG Class:** *No hazardous good.*
- **Marine pollutant:** *No*

- **Air transport ICAO-TI and IATA-DGR:**
- **ICAO/IATA Class:** *Not Restricted.*

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

15 Regulatory information

- **Designation according to EC guidelines:**
Observe the normal safety regulations when handling chemicals
The product is not subject to identification regulations under EC Directives and the Ordinance on Hazardous Materials.
- **National regulations**
- **Water hazard class:** *Water hazard class 2 (Self-assessment): hazardous for water.*

16 Other information

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.

- **Department issuing data specification sheet:**
The safety data sheets were drawn up in cooperation with the Umweltkanzlei Dr. Rhein, Phone: +49(0)5066-900990 and the Dekra Umwelt GmbH, Phone: +49(0)511-96355-0.

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