

# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## Hevolit KX 1

Print date: 13.05.2015

Product code: 001

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### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Hevolit KX 1

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

##### Use of the substance/mixture

Grease

#### 1.3. Details of the supplier of the safety data sheet

Company name:	Schmierstoff-Technik	
	René Völkel	
Street:	Telgenkamp 36	
Place:	D-48249 Dülmen	
Telephone:	+49 (0) 2594 85014	Telefax: +49 (0) 2594 89976
e-mail:	voelkel@schmierstoffe.de	
Internet:	www.schmierstoffe.de	
Responsible Department:	Application engineering Tel. +49 (0) 2594 85014 (only office is occupied)	

#### 1.4. Emergency telephone number:

Local Poison emergency number  
+49 (0) 228 1 92 40 Giftnotrufzentrale Bonn

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP] This mixture is classified as not hazardous according to 1999/45/EC.

#### 2.2. Label elements

#### 2.3. Other hazards

Results of PBT and vPvB assessment

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

##### Chemical characterization

Mineraloil containing mixture: Mineraloil <3% DMSO-Extract after IP 346

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

##### General information

When in doubt or if symptoms are observed, get medical advice. If unconscious place in recovery position and seek medical advice. Remove contaminated, saturated clothing immediately.

##### After inhalation

Remove casualty to fresh air and keep warm and at rest.

##### After contact with skin

After contact with skin, wash immediately with plenty of water and soap.

##### After contact with eyes

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

##### After ingestion

If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and

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obtain immediate medical attention. Let water be drunken in little sips (dilution effect). Call a physician immediately. Do NOT induce vomiting.

### **4.2. Most important symptoms and effects, both acute and delayed**

When in doubt or if symptoms are observed, get medical advice.

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

No information available.

## **SECTION 5: Firefighting measures**

### **5.1. Extinguishing media**

#### **Suitable extinguishing media**

alcohol resistant foam, Extinguishing powder, Carbon dioxide (CO<sub>2</sub>).

#### **Unsuitable extinguishing media**

Full water jet

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

Hazardous decomposition products: Carbon monoxide., Carbon dioxide (CO<sub>2</sub>). In case of fire and/or explosion do not breathe fumes.

### **5.3. Advice for firefighters**

In case of fire: Wear self-contained breathing apparatus.

#### **Additional information**

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water. Do not allow to enter into soil/subsoil.

## **SECTION 6: Accidental release measures**

### **6.1. Personal precautions, protective equipment and emergency procedures**

Siehe Schutzmaßnahmen unter Punkt 7 und 8.

### **6.2. Environmental precautions**

Do not empty into drains. Do not allow to enter into soil/subsoil. Clean contaminated objects and areas thoroughly observing environmental regulations.

### **6.3. Methods and material for containment and cleaning up**

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

### **6.4. Reference to other sections**

Safeguarding chapter 7 und 8.

## **SECTION 7: Handling and storage**

### **7.1. Precautions for safe handling**

#### **Advice on safe handling**

Wear personal protection equipment (see chapter 8). Do not eat, drink or smoke when using this product. Provide fresh air. Open and handle container with care. Conditions to avoid Generation/formation of aerosols

#### **Advice on protection against fire and explosion**

No special measures are necessary.

#### **Further information on handling**

none

### **7.2. Conditions for safe storage, including any incompatibilities**

#### **Requirements for storage rooms and vessels**

Protect against: Keep away from heat. Protect against direct sunlight. Keep container tightly closed in a cool, well-ventilated place.

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### 7.3. Specific end use(s)

Observe technical data sheet.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

### 8.2. Exposure controls

#### **Appropriate engineering controls**

See section 7. No additional measures necessary.

#### **Protective and hygiene measures**

When using do not eat, drink, smoke, sniff.

#### **Eye/face protection**

Eye glasses with side protection

#### **Hand protection**

Tested protective gloves must be worn Recommended glove articles DIN EN 374 Suitable material: NBR (Nitrile rubber) Breakthrough time (maximum wearing time) Thickness of the glove material Breakthrough times and swelling properties of the material must be taken into consideration. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

#### **Skin protection**

Protective clothing

#### **Respiratory protection**

remark: Usually no personal respirative protection necessary. During spraying wear suitable respiratory equipment. Suitable respiratory protection apparatus: Filtering Half-face mask (DIN EN 149)

#### **Environmental exposure controls**

Do not allow to enter into surface water or drains.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state:	Paste
Colour:	yellow
Odour:	characteristic

#### **Test method**

#### **Changes in the physical state**

Initial boiling point and boiling range:	Not definite
Pour point:	Not applicable
Flash point:	>220 °C ISO 2592
Lower explosion limits:	Not applicable
Upper explosion limits:	Not applicable
Vapour pressure:	Not applicable
Density (at 15 °C):	0,94 g/cm <sup>3</sup> DIN 12808
Water solubility:	insoluble
Viscosity / dynamic:	Not definite
Viscosity / kinematic:	Not applicable
Flow time:	Not applicable

### 9.2. Other information

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No information available.

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

No information available.

#### 10.2. Chemical stability

No information available.

#### 10.3. Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.

#### 10.4. Conditions to avoid

Heat

#### 10.5. Incompatible materials

No information available.

#### 10.6. Hazardous decomposition products

No information available.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

##### Practical experience

##### Other observations

Ensure the application of strict rules of hygiene by the personnel exposed to the risk of contact with the product.

### 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

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

##### Advice on disposal

Do not allow to enter into surface water or drains. This material and its container must be disposed of in a safe way. Waste disposal according to directive 2008/98/EC, covering waste and dangerous waste.

##### Waste disposal number of waste from residues/unused products

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120112 WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METALS AND PLASTICS; wastes from shaping and physical and mechanical surface treatment of metals and plastics; spent waxes and fats  
Classified as hazardous waste.

### Contaminated packaging

Non-contaminated packages may be recycled. Consult the appropriate local waste disposal expert about waste disposal.

## SECTION 14: Transport information

### Land transport (ADR/RID)

**14.1. UN number:** No dangerous good in sense of these transport regulations.  
**14.2. UN proper shipping name:** No dangerous good in sense of these transport regulations.  
**14.3. Transport hazard class(es):** No dangerous good in sense of these transport regulations.  
**14.4. Packing group:** No dangerous good in sense of these transport regulations.

### Inland waterways transport (ADN)

**14.1. UN number:** No dangerous good in sense of these transport regulations.  
**14.2. UN proper shipping name:** No dangerous good in sense of these transport regulations.  
**14.3. Transport hazard class(es):** No dangerous good in sense of these transport regulations.  
**14.4. Packing group:** No dangerous good in sense of these transport regulations.

### Marine transport (IMDG)

**14.1. UN number:** No dangerous good in sense of these transport regulations.  
**14.2. UN proper shipping name:** No dangerous good in sense of these transport regulations.

### Air transport (ICAO)

**14.1. UN number:** No dangerous good in sense of these transport regulations.  
**14.2. UN proper shipping name:** No dangerous good in sense of these transport regulations.  
**14.3. Transport hazard class(es):** No dangerous good in sense of these transport regulations.

### 14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

### 14.6. Special precautions for user

No data available

### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

No data available

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### EU regulatory information

2010/75/EU (VOC): 0%

#### National regulatory information

Water contaminating class (D):

### 15.2. Chemical safety assessment

For this substance a chemical safety assessment has not been carried out.

## SECTION 16: Other information

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### Further Information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

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