

# Safety Data Sheet conformable to EC directive 91/155 EEC



**Product name:** Pipette grease 731141

Date: 10.12.2002

Revision date:

Page 1 of 6

---

## 1. Identification of the substance/preparation and of the company

**Product name:** Pipette grease 731141

**Code-No.:** 090109

**Company:** Klüber Lubrication München KG  
Geisenhausenerstraße 7  
D-81379 München

**Telephone:** ++49 - 89 - 7876 - 0 telephone exchange

**Telefax:** ++49 - 89 - 7876 - 333

**Emergency telephone no.:** ++49 - 89 - 7876 - 700

---

## 2. Composition/information on ingredients

**Chemical characterization : ( preparation )**

fluorinated polyether oil , PTFE

---

## 3. Hazards identification

No particular hazards known.

---

## 4. First aid measures

**After inhalation**

Not applicable

**After contact with skin**

Wash off with soap and plenty of water.

**After contact with eyes**

Rinse with plenty of water.

**After ingestion**

Do not induce vomiting. Obtain medical attention.

**Advice to doctor**

Treat symptomatically.

---

# Safety Data Sheet conformable to EC directive 91/155 EEC



**Product name:** Pipette grease 731141

Date: 10.12.2002

Revision date:

Page 2 of 6

---

## 5. Fire-fighting measures

### **Suitable extinguishing media**

The product itself does not burn. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

### **Special hazards**

In case of fire the following can be released: traces of fluorinated products

### **Special protective equipment for firefighters**

Standard procedure for chemical fires.

### **Additional information**

Water mist may be used to cool closed containers. In the event of fire and/or explosion do not breathe fumes.

---

## 6. Accidental release measures

### **Personal precautions**

Not required

### **Environmental precautions**

Do not flush into surface water or sanitary sewer system.

### **Methods for cleaning up/taking up**

Use mechanical handling equipment. Dispose of absorbed material in accordance with the regulations.

### **Additional information**

None

---

## 7. Handling and storage

### **7.1 Handling**

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

No special handling advice required

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

No special precautions required.

### **7.2 Storage**

#### **Requirements on storage rooms and vessels**

Store at room temperature in the original container.

#### **Incompatible materials**

Do not store together with food.

#### **Further information on storage conditions**

None

---

# Safety Data Sheet conformable to EC directive 91/155 EEC



Product name: Pipette grease 731141

Date: 10.12.2002

Revision date:

Page 3 of 6

## 8. Exposure controls/personal protection

### 8.1 Additional advice on system design

not applicable

### 8.2 Ingredients and specific control parameters

None

### 8.3 Personal protective equipment

#### Respiratory protection

No special protective equipment required.

#### Hand protection

No special protective equipment required.

#### Eye protection

No special protective equipment required.

#### Body protection

No special protective equipment required.

#### Other protection measures

No special protective equipment required.

#### General protection and hygiene measures

Avoid prolonged and/or repeated contact with skin. Remove soiled or soaked clothing immediately. Clean skin thoroughly after work; apply skin cream. Keep away from tobacco products.

## 9. Physical and chemical properties

### 9.1 Appearance

Form: paste  
Colour: white  
Odour: none

### 9.2 Safety data

#### Change in physical state

Drop point not melting °C  
Flash point: none °C

Ignition temperature: not applicable °C

#### Test method

DIN ISO 2176  
(base oil)

#### Explosive properties

lower explosion limit: not applicable  
upper explosion limit: not applicable  
Vapour pressure-first: not applicable

Density: approx. 1,94 g/cm<sup>3</sup>, 20°C

Water solubility: insoluble g/l

# Safety Data Sheet conformable to EC directive 91/155 EEC



**Product name:** Pipette grease 731141

Date: 10.12.2002

Revision date:

Page 4 of 6

pH value: not applicable

Kinematic viscosity: not applicable

## 9.3 Further information

None

## 10. Stability and reactivity

### Conditions to avoid

None

### Materials to avoid

strong bases, alkali metals, alkaline earth metals, Lewis acids

### Hazardous decomposition products

> 260°C traces of fluorinated products

### Additional information

Some materials (e.g. titanium, aluminium or alloys of these materials) may cause lower decomposition temperatures.

## 11. Toxicological information

The toxicological data has been taken from products of similar composition.

Acute toxicity : LD50/oral/rat = > 2 g/kg (literature data)

Chronic toxicity : None

Human experience : Prolonged skin contact may cause skin irritation and/or dermatitis.

## 12. Ecological information

### Information on elimination (persistence and degradability)

Product is insoluble in water. May be separated out mechanically in purification plants.

### Behaviour in environmental compartments

Ecological injuries are not known or expected under normal use.

### Ecotoxic effects

Aquatic toxicity is unlikely due to low solubility.

### Additional information

Should not be released into the environment.

## 13. Advice on disposal

**Code of waste:** 120112

Wastes from shaping and surface treatment of metals and plastics; wastes from shaping (including forging, welding, pressing, drawing, turning, cutting and filing); spent waxes and fats

### Disposal

Can be incinerated when in compliance with local, state and federal regulations. Contains halogene. The code of

# Safety Data Sheet conformable to EC directive 91/155 EEC



**Product name:** Pipette grease 731141

Date: 10.12.2002

Revision date:

Page 5 of 6

waste has to correspond to the Council Directive 75/442/EEC and be specific as far as the related sector and process are concerned.

## **Dispose of contaminated packaging and recommended cleaning**

Offer rinsed packaging material to local recycling facilities.

---

## **14. Transport information**

### **14.1 Land transport**

GGVS/GGVE: not applicable

### **14.2 Inland waterways transport**

ADN/ADNR: not applicable

### **14.3 Sea transport**

IMDG-Code: not applicable

### **14.4 Air transport**

ICAO/IATA-DGR: not applicable

### **14.5 Further Information**

Not classified as dangerous in the meaning of transport regulations.

---

## **15. Regulatory information**

### **15.1 Labelling according to EU-guidelines**

The product does not require a hazard warning label in accordance with EC-directives/German regulations on dangerous substances.

### **15.2 National regulations**

---

## **16. Other information**

Issue-department of Safety Data Sheet: Chemical Documentation, Tel.: +49 - 89 - 7876 - 564

---

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid if the material is used in combination with any other materials or if it is processed, unless specified in the text.