

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/cm³, 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.