

Material Safety Data Sheet

Type 1065

According to 1907/2006/EC, Article 31

1 Identification of the Substance/Preparation and of the Company

Product details

Trade name: Kistler Type 1065 Grease
**Application of the substance/
 preparation:** Lubrication Grease
 Distributed in small dispenser tubes of ≈80 g
Manufacturer/Supplier: Kistler Instrumente AG, Eulachstrasse 22,
 8408 Winterthur, Switzerland
 Tel.: +41 52 224 11 11, Fax: +41 52 224 14 14,
 info@kistler.com, www.kistler.com


Information in case of emergency:

+41 52 224 14 22



2 Hazards Identification

Hazard description:

-  N = Dangerous for the environment
 - Information concerning particular hazards for human and environment:**
 The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
- R 50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

Classification system:




The classification is according to the latest editions of the EU-lists, and extended by company and literature data, as well as the preparation directive 1999/45/EC-Art. 10-§4 for special packaging <125 ml.

3 Composition/Information on Ingredients

Chemical characterization

- Mineral oil (main component)
- Solid lubricant
- Barium complex soap

Dangerous components:

CAS: 7779-90-0				
EINECS: 231-944-3	trizinc bis (orthophosphate)		N; R 50/53	25 ... 50 %
CAS: 1314-13-2				
EINECS: 215-222-5	zinc oxide		N; R 50/53	2,5 ... 10 %
	Sulfuric acid calcium compound		Xi; 36/38	≤2,5 %

Additional information:

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

4 First-Aid Measures

After inhalation:

- Supply fresh air; consult doctor in case of complaints

After skin contact:

- Wash off with soap and plenty of water

After eye contact:

- Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor

After swallowing:

- If symptoms persist consult a doctor

5 Fire-Fighting Measures

Suitable extinguishing agents:

- Water haze, Foam, Fire-extinguishing powder, Carbon dioxide

For safety reasons unsuitable extinguishing agents:

- Water with full jet

Special hazards caused by the substance, its combustion products or resulting gases:

- In case of fire, the following can be released: Carbon monoxide (CO), Hydrocarbons

Protective equipment:

- Do not inhale explosion gases or combustion gases
- Standard procedure for chemical fires

Additional information:

- Cool endangered receptacles with water spray
- Dispose of fire debris and contaminated fire fighting water in accordance with official regulations

6 Accidental Release Measures

Person-related safety precautions:

- Not required

Measures for environmental protection:

- Do not allow to enter sewers/surface or ground water

Measures for cleaning/collecting:

- Pick up mechanically
- Dispose of the material collected according to regulations

7 Handling and Storage

Handling

Information for safe handling:

- No special measures required

Information about fire- and explosion-protection:

- No special measures required

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Storage

Requirements to be met by storerooms and receptacles:

- Store in cool, dry conditions in well sealed receptacles

Information about storage in one common storage facility:

- Store away from foodstuffs
- Store away from oxidizing agents

Further information about storage conditions:

- None

Storage class according to VCI (Germany):

- 11

Classification as per German Health and Safety at Work Regulations, BetrSichV (Germany):

- -

8 Exposure Controls/Personal Protection

Additional information about design of technical facilities:

- No further data; see item 7

Ingredients with limit values that require monitoring at the workplace:

- MAC-value Zinc oxide (1314-13-2): 1 mg/m³ (Fume particles <10 µm in lungs)
- MAC-value Oleic acid (112-80-1): comp. Paragr. Xc

Additional information:

- The lists valid during the redaction were used as reference

Personal protective equipment

General protective and hygienic measures:

- Immediately remove all soiled and contaminated clothing
- Avoid close or long term contact with the skin
- Be sure to clean skin thoroughly after work and before breaks

Respiratory protection:

- Not required

Protection of hands:

- Preventive skin protection by use of skin-protecting agents is recommended

Eye protection:

- Not required

9 Physical and Chemical Properties

General Information

- Form: Pasty
- Colour: White Beige
- Odour: Product specific

Change in condition

- Dripping point: >170 °C (DIN ISO 2176)

Flash point:

Not applicable

Danger of explosion:

Product does not present an explosion hazard

Density at 20 °C:

~1,4 g/cm³

Solubility in/Miscibility with water:

Insoluble

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10 Stability and Reactivity

Thermal decomposition/conditions to be avoided:

- No decomposition if used and stored according to specifications

Materials to be avoided:

- oxidizing agents

Dangerous reactions:

- No dangerous reactions known

Dangerous decomposition products:

- none under normal use

11 Toxicological Information

Additional toxicological information:

- Prolonged skin contact may cause skin irritation and/or dermatitis

12 Ecological Information

Ecotoxicological effects

Behaviour in sewage processing plants:

- The product can be mechanically separated

General notes:

- Very toxic for aquatic organisms
- Do not allow product to reach ground water, water course or sewage system
- Water hazard class 2 (self classification): hazardous to waters

13 Disposal Considerations

Product

Recommendation:

- Can be incinerated in accordance with local and national regulations

Waste disposal key:

- For this product no waste disposal key according the European Waste Catalogue (EWC) can be determined, as only the purpose of application defined by the user enables an allocation. The waste code number has to be determined in accordance with the local waste disposer

Uncleaned packaging:

Recommendation:

- Empty contaminated packagings thoroughly. They may be recycled after proper cleaning

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14 Transport Information

Land transport ADR/RID (cross-border)

Not regulated

Maritime transport IMDG

Not regulated

Air transport ICAO-TI and IATA-DGR


Not regulated

15 Regulatory Information

Labelling according to EU guidelines:

- The product has been classified and marked in accordance with EU Directives/Ordinance on Hazardous Materials

Code letter and hazard designation of product:

-  N Dangerous for the environment

Water hazard class:

- WGK 2 (self-rating): hazard to waters.
According to VwVwS 17.5.99 annex 4

16 Other Information

- This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship

Relevant R-phrases:

- 36/38 Irritating to eyes and skin
- 50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
- 52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment

Relevant Safety phrases:

- 57 Use appropriate container to avoid environmental contamination
- 60 This material and its container must be disposed of as hazardous waste

Department issuing MSDS: P/Tel (Material Compliance Management)

Emergency Contact: Tel.: +41 52 224 14 22

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