

Material Safety Data Sheet

Type 1063

According to US regulations

1 Identification of the Substance/Preparation and of the Company

Product details

Trade name: Kistler Type 1063 Lubrication Grease

**Application of the substance/
preparation:** Lubrication Grease

Distributed in small dispenser tubes of 5 g
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

Manufacturer/Supplier:

**Information in case of
emergency:**

USA: +1 (800) 424 93 00
International: +1 (703) 527 38 87



2 Health Effects

Eyes:

- May cause irritation upon contact

Skin:

- May cause irritation upon repeated contact

Inhalation:

- Vapor inhalation under ambient conditions will not occur, however, if heated to high temperatures, oil mist may cause irritation to the respiratory tract

Ingestion:

- May cause irritation to respiratory tract and diarrhea

3 Composition/Information on Ingredients

Chemical characterization

- Zinc phosphate
- Mineral oil
- Barium complex soap
- Zinc oxide

Dangerous components (according to European regulation 1907/2006/EC):

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; R 36/38	≤2,5 %

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4 First Aid Measures

Inhalation:

- Supply fresh air; consult doctor in case of complaints

Skin contact:

- Wash off with soap and plenty of water; consult doctor in case of complaints

Eye contact:

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

Ingestion:

- Wash out mouth immediately. Do not induce vomiting.
Seek medical attention. Advice to Physician: Treat systematically

5 Exposure Controls

Eye Protection:

- Safety goggles or safety glasses with side shields when applying product to moving parts
- Consult your company's policy regarding eye protection

Hand Protection:

- Nitrile gloves for hypersensitive persons
- Consult your company's policy regarding hand protection

Body Protection:

- Clean overalls
- Consult your company's policy regarding personal protective clothing

Respiratory Protection:

- During normal use, no special respiratory protection is required, however, if misting/vapors occur due to high heat or fire, use self contained breathing apparatus that has a full face piece and is operated in a pressure-demand or other positive-demand mode
- Consult your company's respiratory protection policy

	TLV	PEL
Mineral oil	5 mg/m ³ (oil mist)	5 mg/m ³ (oil mist)
Zinc oxide	10 mg/m ³ (respirable fraction)	5 mg/m ³ (respirable fraction)

Other Protective Measures: Emergency eyewash/shower equipment should be readily available.

6 Fire Fighting Measures

Flash Point:

- May be combustible at high temperatures

Lower Explosion Limit:

- Not determined

Upper Explosion Limit:

- Not determined

Extinguishing Media:

- Water mist, foam, dry chemical or carbon dioxide
- Do not use water jet as this may spread fire and contamination

Respiratory Protection:

- Self contained breathing apparatus that has a full face piece and is operated in a pressure-demand or other positive-demand mode

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7 Accidental Release

If product leaks or is inadvertently spilled, eliminate ignition sources and prevent spill from entering drains and waterways. Absorb spilled product with absorbent and place in a container for proper disposal.

8 Handling and Storage

Handling:

- No special handling precautions are necessary, however, good personal hygiene is recommended
- Wash hands with soap and water before eating, drinking or smoking
- Use product in well ventilated areas

Storage:

- Keep container tightly closed in a cool, well ventilated place
- Keep away from foodstuffs. Keep away from elevated temperatures. Keep away from children

9 Physical and Chemical Properties

Appearance

- Form: Pasty
 - Colour: White Beige
 - Odour: Product specific
- Dripping Point:** >170 °C (DIN ISO 2176)
- Vapor Pressure (mm Hg):** Not determined
- Density at 20 °C:** ~1,4 g/cm³
- Solubility in Water:** Insoluble

10 Stability and Reactivity

Stability:

- Stable under ambient conditions

Conditions to Avoid:

- Open flames and heat sources

Materials to Avoid:

- Oxidizing agents

Hazardous Decomposition Products:

- Burning generates smoke, carbon monoxide, carbon dioxide, and airborne soot

Hazardous Polymerization:

- Will not occur

11 Toxicological Information

- Acute Toxicity:** Not determined
- Chronic Toxicity:** Not determined
- Sensitization:** Not known to be a sensitizer

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12 Disposal Considerations

Under RCRA, it is the responsibility of the user, at the time of disposal, to determine whether the product meets the RCRA criteria for hazardous waste. As a new product, it is considered a RCRA hazardous waste, D005.

TCLP: 276 mg/L Barium

13 Transportation

DOT: Not regulated

IATA: Not regulated

IMDG: Not regulated

14 Regulatory Information

TSCA Section 8(b) Inventory Status:

- All components are either exempt or listed on the TSCA inventory

TSCA Section 12(b) Export Notification:

- This product does not contain any component(s) that are subject to Section 12(b) Export Notification

SARA Section 302 Extremely Hazardous Substance (EHS):

- This product does not contain any component(s) regulated under Section 302 (40 CFR 355) as Extremely Hazardous Substances

SARA Section 304 CERCLA Hazardous Substance:

- This product does not contain any component(s) regulated under Section 304 (40 CFR 302) as hazardous chemicals for emergency release notification

SARA Section 313 Toxic Chemical List:

- Zinc compound (25 ... 50 %)
- Barium compound (10 ... 25 %)

15 Additional Information

HMIS Rating

Health	1
Flammability	1
Reactivity	0
Personal Protection	B

Department issuing MSDS: F/Ca (Material Compliance Management)

Emergency Contact: Tel.: +41 79 776 89 35