Safety Data Sheet
Bathan KF 1 / 100 M

Substance / Preparation **Company name**	**Trade name:** Bathan KF 1 / 100 M **Manufacturer:** Bathan AG, Reckenbühlstr. 21, CH-6005 Lucerne **Emergency phone:** Toxicological Information Switzerland International phone: +41 44 251 51 51
Composition **Information on components**	**Chemical characterization:** Synthetic mineral oil base. Special calcium soap with product-specific active ingredients and ceramics.
Possible dangers	No specific dangers known.
First aid measures	**General notes:** If symptoms appear or in case of doubt, seek medical advice. **After skin contact:** In case of contact with skin, wash with plenty of soap and water, remove contaminated clothing immediately, consult a doctor if skin irritation occurs. **After eye contact:** Remove contact lenses, rinse eyes thoroughly with plenty of water, consult a doctor if necessary. **After ingestion:** Rinse mouth thoroughly with water, do not induce vomiting, seek medical attention immediately and provide safety data sheet. **Self-protection of the first aider:** Observe self-protection of the first aider
Measures for fire fighting	**Suitable extinguishing media:** Take up foam, dry extinguishing agent water spray, sand, extinguishing powder, collect contaminated extinguishing agent mechanically and dispose of it properly.
Accidental release **Measures**	**Methods for cleaning/collecting:** Absorb with liquid-binding material (e.g. universal binder) or mechanically and dispose of it in accordance with regulations.
Handling and storage	**General recommendations:** Eating, drinking, smoking and storing food in the work area is prohibited. Wash hands before breaks and at the end of work. Keep away from food, drinks and animal feed.. **Handling:** No specific measures are required if stored and handled according to regulations.

Storage:
Storage class 10

Exposure controls and personal protective equipment

Additional information on the design of technical installations:
See section Handling; No further action required.

Personal Protective Equipment: grubber gloves, goggles
Respiratory protection: Not required under normal conditions
Hand protection: Not required under normal conditions
Exe protection: Not required under normal conditions
In case of splash hazard, safety goggles

General protective and hygiene measures:
General work hygiene must be observed.
Keep away from food, drink and animal feed.

Physical and chemical Properties

Form:	pasty		
Color:	yellow		
Smell:	characteristic		
Drop point:	approx.. 150	°C	DIN 51801
Flash point:	>190 °C		DIN 51583
Ignition temperature:	n.d.		
Steam pressure:	<0.1 mbar		
Viscosity at 40 °C:	850 mm^2/s		
Density at 15 °C:	approx. 1	g/cm^3	DIN 51757
NLGI class:	2		
Marking:	K PF 2 K -25		
Penetration:	265-295	0,1 mm	DIN 51804

Stability and reactivity

Dangerous reactions:
No dangerous reactions known.

Conditions to be avoided:
Thermal decomposition >170 °C
extreme temperatures

Incompatible materials:
Powerful oxidants

Hazardous decomposition products:
No dangerous decomposition products during normal storage

Toxicology information

Acute oral toxicity (LD 50):
Low toxicity > 9000 mg/kg. (species: rat)

Irritant effect on the skin:
Frequent and prolonged contact may cause skin irritation.

Irritating effect on the eye:
Irritating.

Ecology information

Information on elimination (persistence and degradability):
Do not allow uncontrolled release into the environment.

Biodegradability:
Poorly soluble mixture, the main components of which are expected to be readily degradable. Some components may be persistent in the environment.

Biological eliminability:
Float up, easily eliminated from water. Immobilized by absorption with soil particles.

Remarks:
Product is insoluble in water and a mixture of non-volatile components. The product does not cause biological oxygen removal. Can be eliminated in sewage treatment plants. Elimination takes place mainly by absorption on the sewage sludge.

Other risks:
Product does not contain vPvB substance (very persistent, very bio accumulative), or is not covered by Annex XIII of Regulation (EC) 1907/2006. Product does not contain any PBT substance (persistent, bio accumulative, toxic), or is not covered by Annex XIII of Regulation (EC) 1907/2006.

Notes on disposal

Disposal / waste (product):
Soaked, contaminated rags, paper or other organic material must be collected and disposed of in a controlled manner.

Waste code no. EC:
The waste codes mentioned are recommendations based on the expected use of this product. Due to special use and disposal requirements of the user, other waste codes may also be assigned under certain circumstances. (2001/118/EG, 2001/119/EG, 2001/573/EG).
070699: wastes not otherwise specified., 130205: mineral oil based non-chlorinated engine gear and lubricating oils, 200126: Oils and greases other than those mentioned in 200125.

Recommendation:
Observe local regulations

Transport information

Land transport:	ADR	no hazardous material
	RID	no hazardous material
Inland waterway transport:	ADNR/GGVB	no hazardous material
Maritime transport:	IMDR/UN	no hazardous material
Air transport:	ICAO/ATA-DGR	no hazardous material
Other information:	mail dispatch	authorized

Regulations

national regulations:	EINECS – all components listed
	TSCA – all components listed
Poison class:	free
VOC levy:	not applicable

Water hazardous class: 1, slightly hazardous to water (self-assessment)

The information in this safety data sheet describes the necessary safety precautions and is not intended to guarantee specific properties. The information is based on the current state of knowledge of the manufacturer. The product may not be used for purposes other than those described by the manufacturer without first informing the manufacturer and following the written instructions for use. Liability excluded. If the specific application conditions are beyond the control of the manufacturer, the user is responsible for compliance with the legal requirements. The information in this data sheet is based on the current state of knowledge and the currently valid national regulations. It serves as information regarding the health, safety and environmental aspects of this product and cannot be used as a warranty claim regarding technical properties or special applications.