

# Safety Data Sheet

## Bathan KF 10 / 100 W



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Substance / Preparation Company name	Trade name: Bathan KF 10 / 100 W  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: PAO based high temperature grease with lithium-complex thickener and ceramic.  <b>Declarable, or hazardous components:</b> CAS: 68649-42-3 / EINECS: 272-028-3 Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts Aqautic Chronic 2, H411; Skin Irrit. 2, H315; Eyr Irrit. 2, H319 2,5-5%  CAS: 64743-00-6 / EINECS: 265-205-1 Hydrocarbon waxes (petroleum), oxidized Aqautic Chronic 4, H413 2,5-5%
Possible dangers	H412 Harmful to aquatic life with long-lasting effects P273 Avoid release to the environment P501 Dispose of contents according to regulations
First aid measures	General notes: If symptoms appear or in case of doubt, seek medical advice.  After skin contact: In general, not skin irritating. 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: Adapt fire-extinguishing measures according to environment. CO <sub>2</sub> , extinguishing powder, water spray, sand, collect contaminated extinguishing agent mechanically and dispose of it properly.

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Accidental release Measures	<p>Methods for cleaning/collecting: Avoid release to the environment. Absorb with liquid-binding material (e.g. universal binder) or mechanically and dispose of it in accordance with regulations.</p>
Handling and storage	<p>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.</p> <p>Handling: No specific measures are required if stored and handled according to regulations.</p> <p>Storage: +10 to +30 °C</p>
Exposure controls and personal protective equipment	<p>Additional information on the design of technical installations: See section Handling; No further action required.</p> <p>Personal Protective Equipment: grubber gloves, goggles Respiratory protection: Not required under normal conditions Hand protection: Use impermeable gloves, min. thickness of 0.3 mm Eye protection: Not required under normal conditions In case of splash hazard, safety goggles EN 166</p> <p>General protective and hygiene measures: General work hygiene must be observed. Keep away from food, drink and animal feed.</p>
Physical and chemical Properties	<p>Form: pasty Color: yellow Smell: characteristic Drop point: nn DIN 51801 Flash point: &gt;201 °C ISO 2592/DIN 51583/ASTM D92 Ignition temperature: nn DIN 51794/ASTM E659 Explosive characteristics none Self-ignition charact. none Viscosity at 40 °C: 100 mm<sup>2</sup>/s DIN 51561 Density at 15 °C: 0,85 g/cm<sup>3</sup> DIN 51757/ASTM D1217 NLGI class: 2 Marking: K PF HC 2 P -50 Penetration: 265-295 0,1 mm ISO 2137/DIN 51804/ASTM D217 Oxidizing properties: no</p>
Stability and reactivity	<p>Dangerous reactions: No dangerous reactions known.</p> <p>Conditions to be avoided: No relevant information available</p> <p>Incompatible materials: Powerful oxidants</p> <p>Hazardous decomposition products: No dangerous decomposition products during normal storage</p>
Toxicology information	<p>Aquatic Toxicity: <b>Based on the available data, the classification criteria are not met.</b></p>

	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 to the environment.		
	Biodegradability: Poorly soluble mixture. 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.		
	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). 120112: used waxes and greases		
	Recommendation: Observe local regulations		
Transport information	Land transport:	ADR RID	no hazardous material 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	
	EC No 1272/2008:	H411, H412, H413, H315, H319	
	Safety indication:	P273, P501, EUH208	
	Water hazardous class:	2, 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.