Safety Data Sheet
Bathan KF 2 / 80 F

Substance / Preparation **Company name**	**Trade name:** Bathan KF 2 / 80 F **Manufacturer:** Bathan AG, Reckenbühlstr. 21, CH-6005 Luzern **Emergency phone:** Toxicological Information Switzerland International phone: +41 44 251 51 51
Composition **Information on components**	**Chemical characterization:** Mixture of the substances to be declared listed below and non-hazardous admixtures: EC No 307-593-8 Reg. No 01-2119985174-30-0000, calcium sulphonate, arylalkyl derivative, C9 - C13, eye irritant. 2, H319, >5-9.9% and ceramics.
Possible dangers	No specific dangers known.
First aid measures	**General notes:** No specific measures required. **After skin contact:** Generally not skin irritating. **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, if symptoms persist consult a doctor 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:** CO_2, water spray, extinguishing powder. In the event of a major fire, spray water. Cool endangered containers with water jet. Unsuitable extinguishing media: Water in full jet.
Accidental release Measures	**Methods for cleaning/collecting:** Absorb with liquid-binding material (e.g. universal binder) or mechanically.
Handling and storage	**General recommendations:** The product is not subject to mandatory labelling in accordance with EC Directive on Hazardous Substances (EC Reg / GefStoffV). When handling chemicals, the usual precautionary measures must be observed.

Handling:
Store only in original containers. Keep away from oxidizing agents. Protect from heat and direct sunlight. Storage temperature 0 °C to 40 °C. 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: See personal protective equipment
Exe protection: See personal protective equipment
In case of splash hazard, safety goggles

General protective and hygiene measures:
General work hygiene must be observed.

Physical and chemical Properties

Form:	pasty		
Color:	beige		
Smell:	characteristic, weak		
Drop point:	>280 °C		
Boiling point:	>300 °C		DIN 51751 / ASTM D86
Flash point:	>150 °C		ISO 2592 / ASTM D92
Ignition temperature:	n.d.		
Viscosity at 40 °C:	220 mm^2/s		
Density at 20 °C:	approx. <1	g/cm^3	DIN 51757 / ASTM D1217
NLGI class:	2		
Marking:	K P 2 N -20		
Penetration:	265-295	0,1 mm	DIN 51804
Soluble in water:	insoluble		

Stability and reactivity

Dangerous reactions:
No dangerous reactions known.

Conditions to be avoided:
extreme temperatures

Incompatible materials:
Powerful oxidants

Hazardous decomposition products:
No dangerous decomposition products during normal storage
Carbon monoxide and carbon dioxide.

Toxicology information

Acute oral toxicity (LD 50):
Toxicity > 2000 to >5000 mg/kg. (species: rat)

Inhaled toxicity (LD 50):
5100 mg/kg (species: rat)

Irritant effect on the skin:
Classification criteria not fulfilled.

Irritating effect on the eye:
Classification criteria not fulfilled.

Ecology information

Information on elimination (persistence and degradability):
No relevant information available.

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. Do not dispose with household waste. Do not discharge into drains.

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 fats.

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

Nonfood Compounds
158800

Poison class: free
VOC levy: not applicable
FDA: 21 CFR 178.3570
Water hazardous class: 1, slightly hazardous to water (self-assessment)

Product contains no plant or animal components or genetically modified organisms (GMO). Compliant with 2015/863/EC, 2011/65/EC, 2002/95/EC, WEEE 2002/96/EC, 2003/11/EC, 2005/53/EC and RoHS None of the following substances are present: Pentabromodiphenyl ethers, octabromodiphenyl ethers, polybrominated diphenyl ethers (PDBE) and/or polybro- minated biphenyls (PBB), bis(2-ethylhexyl) phthalate (DEHP), benzyl butyl phthalate (BBP), dibutyl phthalate (DBP), diisobutyl phthalate (DIBP); lead or lead compounds, cadmium or cadmium compounds, mercury or mercury compounds, chromium Cr^{6}+ compounds.

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.