

Safety Data Sheet

Bathan KF 3 / 40 M

**Substance / Preparation**
Company name**Trade name:**

Bathan KF 3 / 40 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:**

Mineral oil based bentonite high temperature grease with ceramic.

Declarable, or hazardous components:**CAS-no.**CAS: 92-84-2 / EINECS: 202-196-5 / Reg.nr.: 01-2119488529-19-0000
phenothiazine

STOT RE 2, H373; Aquatic Acute 1, H400; Aquatic Chronic 1, H410;

Acute Tox. 4, H302; Skin Sens. 1, H317

<0.5%

CAS: 7632-00-0 / EINECS: 231-555-9 / Reg.nr.: 01-2119471836-27-0000
sodium nitrite

Ox. Sol. 3, H272; Acute Tox. 3, H301; Aquatic Acute 1, H400

<0.5%

CAS: 95-38-5 / EINECS: 202-414-9 / Reg.nr.: 01-2119777867-13-0000
Imidazoline - derivative

STOT RE 2, H373; Skin Corr. 1C, H314; Aquatic Acute 1, H400 (M=10);

Aquatic Chronic 1, H410 (M=1); Acute Tox. 4, H302

<0.25%

CAS: 90-30-2 / EINECS: 201-983-0 / Reg.nr.: 01-2119488764-27-0000
N-1-naphtylaniline

STOT RE 2, H373; Aquatic Acute 1, H400; Aquatic Chronic 1, H410;

Acute Tox. 4, H302; Skin Sens. 1, H317

<0.25%

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:**

CO₂, extinguishing powder, water spray, sand, collect contaminated extinguishing agent mechanically and dispose of it properly.

Accidental release Measures**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.

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: 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

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:	light brown	
Smell:	characteristic	
Drop point:	nn	DIN 51801
Flash point:	>220 °C	ISO 2592/DIN 51583/ASTM D92
Ignition temperature:	>350 °C	DIN 51794/ASTM E659
Explosive characteristics	none	
Self-ignition charact.	none	
Viscosity at 40 °C:	470 mm ² /s	DIN 51561
Density at 15 °C:	0,93 g/cm ³	DIN 51757/ASTM D1217
NLGI class:	2	
Marking:	K 3 S -15	
Penetration:	265-295	0,1 mm ISO 2137/DIN 51804/ASTM D217
Oxidizing properties:	no	

Stability and reactivity**Dangerous reactions:**

No dangerous reactions known.

Conditions to be avoided:

No relevant information available

Incompatible materials:

Powerful oxidants

Hazardous decomposition products:

No dangerous decomposition products during normal storage

Toxicology information**Aquatic Toxicity:****Phenothiazin**

EC50/96h >0,02 mg/L (Brachydanio rerio) (OECD 203)

Imidazolin - Derivat

EC50/96h 0,3 mg/L (Brachydanio rerio) (OECD 203)

EC50/48h 0,136 mg/L (Daphnia magna) (OECD 202)

EC50/72h 0,03 mg/L (Algae) (OECD 201)

N-Phenyl-1-naphthalinamin

NOEC/21d 0,025 mg/l (Daphnia magna)

EC50/96h >10.000 mg/L (Belebtschlamm) (OECD 209)

0,44 mg/L (Oncorhynchus mykiss) (OECD 203)

EC50/48h 0,32 mg/L (Daphnia magna) (OECD 202)

EC50/72h 0,25 mg/L (Algae) (OECD 201)

Acute toxicity:**LD/LC50 values relevant for classification:****ATE (Acute Toxicity Estimates)**

Oral LD50 29,310 mg/kg (rat)

9 2-84-2 phenothiazine

Oral LD50 >2,000 mg/kg (rat)

7632-00-0 sodium nitrite

Oral LD50 85 mg/kg (rat)

95-38-5 Imidazoline - derivative

Oral LD50 1,265 mg/kg (rat) (OECD 401)

Dermal LD50 >2,000 mg/kg (rabbit) (OECD 404)

not tested; Bridging method applied

90-30-2 N-1-naphthylaniline

Oral LD50 1,625 mg/kg (rat)

Dermal LD50 >5,000 mg/kg (rabbit)

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. 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).

120112: used waxes and greases

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

EC No 1272/2008:

Aquatic chronic H412

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.