

Safety Data Sheet

Bathan KF 8 / 70 F



Section 1: Identification

- 1.1 Product identifier
Trade name: Bathan KF 8 / 70 F
- 1.2 Relevant identified uses of the substance or mixture and uses advised against
No further relevant information available.
- 1.3 **Details of the supplier of the safety data sheet**
Manufacturer / Supplier:
Bathan AG
Reckenbühlstr. 21
CH-6005 Lucerne
Switzerland
info@bathan.ch
- 1.4 Emergency Phone Number
Tox Info Switzerland
Phone International: +41 44 251 51 51

Section 2: Hazard(s) identification

- 2.1 CLP status:**
Classification according to Regulation (EG) Nr. 1272/2008:
The product is not classified according to CLP-regulation.
- 2.2 Label Elements**
Labels according to Regulation (EG) Nr. 1272/2008:
The product does not meet the criteria which leads to a labeling.
Hazard pictograms: not applicable
Signal word: not applicable
Hazard statement: not applicable
- 2.3 Other hazards**
none

Section 3: Composition/information on ingredients

- 3.2 Mixtures:**
Description:
Synthetic hydrocarbons and additives with bentonite as thickener and ceramic particles.
EINECS: 241-300- Dinatriumsebacat, eye irrit. 2, H319, >1-2,9%

Section 4: First-aid measures

- 4.1 Description first-aid measures**
After skin contact:
In general not skin irritating.
After eye contact:
Remove contact lenses. Rinse opened eye for several minutes under running water.
After swallowing:
Rinse mouth thoroughly with water, do not induce vomiting, consult a doctor if the symptoms persist and present the safety data sheet.
- 4.2 Most important symptoms and effects, both acute and delayed**
No further relevant information available

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available

Section 5: Fire fighting measures

5.1 Extinguishing media

CO₂, extinguishing powder or water spray. Fight larger fires with water spray.

Cool endangered receptacles with water spray.

Unsuitable extinguishing media: Water with a full jet.

5.2 Special hazards arising from the substance or mixture

No further relevant information available.

5.3 Additional information

No special measures required.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Not required.

6.2 Environmental precautions:

Do not allow to enter sewers/ surface or ground water.

6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

6.4 Reference to other sections:

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

Section 7: Handling and storage

7.1 Precautions for safe handling

The product is classified and labeled according to EC directives/GefStoffV.

Observe the general safety regulations when handling chemicals.

Information about protection against explosions and fires:

No special measures required.

7.2 Conditions for safe storage, including any incompatibilities Storage:

Requirements to be met by storerooms and receptacles:

Store only in the original receptacle.

Information about storage in one common storage facility:

Do not store together with oxidizing and acidic materials.

Further information about storage conditions:

Protect from heat and direct sunlight.

Optimal storage temperature between 32°F and 104°F

Minimum shelf life: In closed, original container, at least 24 months.

7.3 Specific end use(s)

No further relevant information available.

Section 8: Exposure controls/personal protection

8.1 Control parameters

Additional information about design of technical systems:

No further data; see item 7.

Components with limit values at the workplace:

MAK-Wert (Ölnebel) Schweiz: 5 mg/m³

Additional information:

The lists that were valid during the creation were used as basis.

8.2 Exposure controls

Personal protective equipment:

General protective and hygienic measures:

The usual precautionary measures for handling chemicals should be followed.

Respiratory Protection:

Not required.

Protection of hands:

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves (recommended):

Suitable protective gloves: Nitrile gloves, minimum thickness of 0.3 mm.

Breakthrough time of glove material:

The exact breakthrough time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection (recommended):

Eye protector with side protection (framed eyeglasses) ANSI Z87.1 – 2010

Use of tight fitting goggles

Body protection (recommended):

Protective work clothing

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Appearance:

Form: Pasty

Color: Beige

Odor: faintly, specific type

Odor threshold: Not determined.

pH-value: Not applicable.

Change of condition:

Melting point/melting range: not applicable

Boiling point/boiling range: >300 °C (DIN 51751 / ASTM D86)

Drop point: Not determined

Pourpoint: Not determined

Flash point: >200 °C (ISO 2592 / ASTM D92)

Flammability (solid, gaseous): Not applicable.

Ignition temperature: Not applicable

Decomposition temperature: >350 °C

Auto-ignition temperature: Product is not selfigniting.

Explosion limits (at 1013 mbar): The product is not explosive.

Lower: Not determined.

Upper: Not determined.

Oxidizing properties: Not applicable.

Density at 20 °C: 0,9 g/cm³ (DIN 51757 / ASTM D1217)

Vapor density: Not applicable.

Evaporation rate: Not applicable.

Solubility in / Miscibility with Water: insoluble.

Partition coefficient (n-octanol/water): Not determined.

Viscosity:

Dynamic: Not applicable.

Base Oil: 400 mm²/s at 40 °C

Penetration: 265-295 mm/10 @ 25°C. (ISO 2137 / ASTM D217)

NLGI Class: 2

VOCV (CH): 0,00%

9.2 Other information:

none

Section 10: Stability and reactivity

10.1 Reaktivity: None known if used as directed.

10.2 Chemical stability: Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

Reacts with strong acids and oxidizing agents

10.4 Conditions to avoid: No further relevant information available.

10.5 Incompatible materials: No further relevant information available.

10.6 Hazardous decomposition products (in case of fire or oxidation):

Carbon monoxide and carbon dioxide

Section 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity: Based on the available data, the classification criteria are not met.

LD/LC50 values that are relevant for classification:

> 2000 - < 5000 mg/kg (oral, rat)

> 5'100 mg/m³ 4h (inhalative, rat)

Primary irritant effect:

on the skin: No irritant effect.

on the eye: No irritating effect.

Sensitization: No sensitizing effects known.

Additional toxicological information:

The product is not subject to classification according to internally approved calculation methods for preparations: When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

Section 12: Ecological information

12.1 Toxicity

Aquatic toxicity: No further relevant information available.

12.2 Persistence and degradability No further relevant information available.

12.3 Bioaccumulative potential No further relevant information available

12.4 Mobility in soil

No further relevant information available.

Additional ecological information:

General notes: Do not allow product to reach ground water, water course or sewage system.

12.5 Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

12.6 Other adverse effects No further relevant information available.

Section 13: Disposal considerations

13.1 Waste treatment methods

Recommendation:

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

Used containers Recommendation:

Disposal must be made according to official regulations.

European Disposal index 12 01 12* used waxes and greases

Section 14: Transport information

14.1 UN-Number

ADR, ADN, IMDG, IATA Not regulated

14.2 Proper UN shipping name

ADR, ADN, IMDG, IATA Not regulated

14.3 Transport hazard class

ADR, ADN, IMDG, IATA

Klasse Not regulated

14.4 Packaging group

ADR, IMDG, IATA Not regulated

14.5 Environmental hazards:

Marine pollutant: no

14.6 Special precautions for users not applicable.

14.7 IBC-Code Not applicable.

Transport/further information: Not hazardous according to the above specifications.

IATA IATA Dangerous Goods Regulation (DGR): latest edition

UN "Model Regulation": not regulated

Section 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:

SARA (Superfund Amendments and Reauthorization)

Section 355 (extremely hazardous substances):

None of the ingredients are listed.

Section 313 (Specific toxic chemical listings):

This product does not contain a chemical that are listed in Section 313.

TSCA (Toxic Substances Control Act): All ingredients are listed on the U.S. TSCA inventory or exempt from premanufacture notice requirements.

California Proposition 65

This product contains one or more chemicals listed under California Proposition 65. Such chemicals are not used as raw materials in the product formulation but rather are typical impurities.

Carcinogenic categories:

EPA (Environmental Protection Agency)

None of the ingredients are listed.

NIOSH-Carcinogen list

None of the ingredients are listed.

California SCAQMD Rule 1144: Not applicable.

Section 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Regulations / Approvals / Listings:

All ingredients are US FDA listed 21 CFR 178.3570

NSF-H1 registered. Registration number: 154956

Contains no plant or animal components and no genetically modified organisms (GMO).

Information on REACH registration numbers in Chapter 3:

If no REACH registration numbers are mentioned for the listed hazardous substances, then the substance(s) is/are excluded from REACH (e.g. polymers).

RoHS:

The product conforms to the European directives 2015/863/EG, 2011/65/EG, 2002/95/EG, WEEE 2002/96/EG, 2003/11/EG, 2005/53/EG and RoHS. It does NOT contain any of the following substances: pentabromodiphenyl ether, octabromodiphenyl ether, polybrominated diphenyl ether (PDBE) and/or polybrominated 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 Cr⁶⁺ compounds.

BSE/TSE:

The product meets the requirements for BSE/TSE-free products in accordance with EU directives 93/42/EEC and 2003/32/EC. Substances and/or synthetically modified substances of animal origin from cattle, sheep, goats, cats, dogs, deer, elk and/or mink are NOT contained in this product. The product is completely free of latex-containing substances.

Relevant Sentences

H319 Causes serious eye irritation.

Department issuing data sheet: Product safety department

Contact person: Mr. Streetz

Note from the exhibitor: All of the above information is based on our current knowledge and experience. The safety data sheet is used to describe the products with regard to safety requirements. The information does not have the meaning of property assurances.

Abbreviations and acronyms:

ICAO: International Civil Aviation Organisation

RoHS: Restriction on the Use of Certain Hazardous Substances

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labeling of Chemicals

VCI: German chemical industry association

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

TRGS: Technical Rules for Dangerous Substances, BAuA, Germany

VbF: Ordinance on the storage of combustible liquids, Austria

VOCV: Incentive tax on volatile organic compounds, Switzerland (Swiss Ordinance on volatile organic compounds)

VOC: Volatile Organic Compounds (US, EU)

ISO: International Organization for Standardization

DNEL: Derived No Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

SVHC: Substance of Very High Concern (REACH)

CLP: Classification, Labeling and Packaging (European GHS)

PBT: Persistent, Bioaccumulative and Toxic chemicals

vPvB: very Persistent and very Bioaccumulative chemicals

ATE: estimated value for acute toxicity

eye irritation 2: Serious eye damage/eye irritation - Category 2

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