

**Safety Data Sheet**

in accordance with Regulation (EC) No 1907/2006

Revised on: 22.09.2026

If Floh
 Material number: Kba-7400

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SECTION 1: Identification of the substance or mixture and of the company**1.1. Product identifier**

If Floh

Material group:

End product

1.2. Relevant identified uses of the substance or mixture and uses advised against**Use of the substance/mixture**

Sanitary additive for camping toilets based on microorganisms

1.3. Details of the supplier providing the safety data sheet

Company name: Axis 24 GmbH

Street: Gewerbestr. 12

Location: D-46562 Carried

Telephone: 02855/ 3036455

Fax: 02855/ 3036490

E-mail: shopkontakt@axis24.de

Contact person: Mr. Kühn

Internet: www.axis24.de

1.4. Emergency number:
 Poison Control Center of Charité - University Medicine Berlin
 +49 30 30686 700
SECTION 2: Potential Dangers**2.1. Classification of the substance or mixture****Regulation (EC) No 1272/2008**

This mixture is not classified as hazardous within the meaning of Regulation (EC) No 1272/2008.

2.2. Identification elements**2.3. Other hazards**

No information is available.

SECTION 3: Composition/Information on ingredients**3.2. Mixtures****Relevant components**

none (according to Regulation (EC) No 1907/2006 (REACH))

Labelling of ingredients in accordance with Regulation (EC) No 648/2004

< 5% non-ionic surfactants, fragrances, preservatives (phenoxyethanol).

More information

Contains microorganisms.

SECTION 4: First Aid Measures**4.1. Description of first aid measures****After inhalation**

Ensure fresh air.

After skin contact

Rinse thoroughly with plenty of water. Remove contaminated clothing and wash it before wearing it again.

After eye contact

Immediately rinse carefully and thoroughly with an eyewash station or water.



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After swallowing

Rinse your mouth immediately and drink a glass of water afterwards.

4.2. Most important acute and delayed symptoms and effects

No information is available.

4.3. Indications of immediate medical assistance or special treatment

Symptomatic treatment.

SECTION 5: Firefighting measures**5.1. Extinguishing agents**

Adapt firefighting measures

to the environment and use **appropriate** extinguishing agents.**5.2. Special hazards arising from the substance or mixture: Non-flammable.****5.3. Instructions for fire fighting In case of fire:**

Wear self-contained breathing apparatus.

Additional information

Collect contaminated firefighting water separately. Do not allow it to enter sewers or waterways.

SECTION 6: Measures in case of accidental release**6.1. Personal precautions, protective equipment and procedures to be used in emergencies****General information**

Use personal protective equipment.

6.2. Environmental protection measures

Do not allow to enter sewers or waterways.

6.3. Methods and Materials for Containment and Cleanup For cleanup:

Absorb with liquid-

binding material (sand, diatomaceous earth, acid binder, universal binder). Treat the absorbed material according to the Disposal section.

6.4. Reference to other sections Safe

handling: see section 7 Personal protective

equipment: see section 8 Disposal: see section 13

SECTION 7: Handling and Storage**7.1. Protective measures for safe handling****Instructions for safe handling:** No special precautions are required.**Information on fire and explosion protection:** No special fire protection measures are required.**Information on general hygiene measures in the workplace**

Remove contaminated clothing. Wash hands before breaks and at the end of the workday. Do not eat, drink, smoke, or use snuff at the workplace.

7.2. Conditions for safe storage, taking into account incompatibilities**Requirements for storage rooms and containers:** Keep

containers tightly closed.

Store only in the original container.



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Storage instructions

No special precautions are required.

Further information on storage conditions

Store in a cool, dry place.

Protect from heat and direct sunlight. Protect from frost.

Store in a place protected from light and away from oxidizing materials.

Recommended storage temperature: 5 - 25 °C.

Storage class according to TRGS 510: 12 (Non-flammable liquids that cannot be assigned to any of the aforementioned LGK)

7.3. Specific end applications

Sanitary additive for camping toilets based on microorganisms

SECTION 8: Exposure controls/Personal protective equipment**8.1. Parameters to be monitored****Workplace exposure limits**

CAS No.	Designation	ppm	mg/m ³	F/m ³	Peak limiting factor	Notice	Art
122-99-6	2-Phenoxyethanol	1	5,7		1(l)	AND	TRGS 900

DNEL/DMEL values

CAS No.	Designation			
DNEL Type	Route of exposure	Effect	Value	
122-99-6	2-Phenoxyethanol			
DNEL employees, long-term	inhalative	systemic	5,7 mg/m ³	
DNEL employees, long-term	inhalative	local	5,7 mg/m ³	
DNEL employees, long-term	dermal	systemic	20,83 mg/kg KG/d	
Consumer DNEL, long-term	inhalative	systemic	2,41 mg/m ³	
Consumer DNEL, long-term	dermal	systemic	10,42 mg/kg KG/d	
Consumer DNEL, long-term	oral	systemic	9,23 mg/kg KG/d	
Consumers DNEL, acute	oral	systemic	9,23 mg/kg KG/d	

PNEC values

CAS No.	Designation		
environmental compartment		Value	
122-99-6	2-Phenoxyethanol		
Freshwater		0,943 mg/l	
Seawater		0,0943 mg/l	
Freshwater sediment		7,2366 mg/kg	
marine sediment		0,7237 mg/kg	
Microorganisms in wastewater treatment plants		24,8 mg/l	
Floor		1,26 mg/kg	

8.2. Limiting and monitoring exposure**Individual protective measures, for example personal protective equipment****Eye/face protection**

Wear eye protection/face protection.



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Hand protection

When handling chemical substances, only chemical-resistant gloves bearing the CE mark, including a four-digit test number, may be worn. The type of chemical-resistant gloves must be selected according to the specific workplace, taking into account the concentration and quantity of the hazardous substance. It is recommended to verify the chemical resistance of the aforementioned protective gloves for specific applications with the glove manufacturer.

Body protection

Use of protective clothing.

Respiratory protection

Wear respiratory protection if ventilation is insufficient.

SECTION 9: Physical and chemical properties**9.1. Information on the basic physical and chemical properties**

State of matter: Color:	fluid blue	
Odor:	flowery	
Melting point/freezing point:		not determined
Boiling point or start of boiling and Boiling range:		100 °C
Flammability:		not determined
Lower explosive limit:		not determined
Upper explosion limit:		not determined
Flash point:		not determined
Ignition temperature:		not determined
Decomposition temperature:		not determined
pH value (at 20 °C):		8
Water solubility:		easily soluble
Solubility in other solvents not determined		
Partition coefficient n-octanol/water:		not determined
Vapor pressure: (at 20 °C)		23 hPa
Vapor pressure: (at 50 °C)		123 hPa
Density:		1,02 g/cm ³
Relative vapor density:		not determined

9.2. Other information**Information on physical hazard classes****Explosion hazards**

The product is not: explosive.

Oxidizing properties

The product is not: flammable.

Other safety-related parameters

Evaporation rate:	not determined
Solid content:	not determined

SECTION 10: Stability and Reactivity**10.1. Reactivity**

No dangerous reactions occur when handled and stored as intended.

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10.2. Chemical stability

The product is stable when stored at normal ambient temperatures.

10.3. Possibility of dangerous reactions : No

dangerous reactions are known.

10.4. Conditions to be avoided: none**10.5. Incompatible materials: No**

information is available.

10.6. Hazardous decomposition products

No dangerous decomposition products are known.

SECTION 11: Toxicological Information**11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008****Acute toxicity**

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

ATEmix calculates

ATE (oral) > 2000 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalativ Dampf) > 50 mg/l; ATE (inhalativ Dust/fog) > 5 mg/l

Irritant and corrosive effects

Skin corrosion/skin irritation: Based on the available data, the classification criteria are not met.

Severe eye damage/eye irritation: Based on the available data, the classification criteria are not met.

Sensitizing effects: Based on the

available data, the classification criteria are not met.

Carcinogenic, mutagenic and reprotoxic effects

Germ cell mutagenicity: Based on the available data, the classification criteria are not met.

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

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

Specific target organ toxicity after a single exposure: Based on the available data, the classification criteria are not met.

Specific target organ toxicity upon repeated exposure

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

Aspiration hazard:

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

11.2. Information on other hazards**General remarks** The mixture

is classified as non-hazardous within the meaning of Regulation (EC) No 1272/2008 [CLP].

SECTION 12: Environmental Information**12.1. Toxicity**

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

12.2. Persistence and Degradability

The product has not been tested.

12.3. Bioaccumulation potential

The product has not been tested.

12.4. Mobility in the soil

The product has not been tested.



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12.5. Results of the PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, Annex XIII.
The product has not been tested.

12.6. Endocrine-damaging properties

This product does not contain any substance that exhibits endocrine-stimulating properties towards non-target organisms, as no ingredient meets the criteria.

12.7. Other harmful effects

No information is available.

Further information

Avoid release into the environment.

SECTION 13: Disposal Information**13.1. Waste treatment procedures****Disposal recommendations**

Do not allow to enter drains or waterways. Dispose of in accordance with official regulations.

Disposal of uncleaned packaging and recommended cleaning agents

Rinse thoroughly with plenty of water. Completely emptied packaging can be recycled.

SECTION 14: Transport Information**Land transport (ADR/RID)****14.1. UN number or ID number: 14.2. Proper**

UN shipping name: _____

Not classified as dangerous goods under transport regulations.

Not classified as dangerous goods under transport regulations.

14.3. Transport hazard classes:

Not classified as dangerous goods under transport regulations.

14.4. Packing group:

Not classified as dangerous goods under transport regulations.

Inland waterway transport (ADN)**14.1. UN number or ID number: 14.2. Proper**

UN shipping name: _____

Not classified as dangerous goods under transport regulations.

Not classified as dangerous goods under transport regulations.

14.3. Transport hazard classes:

Not classified as dangerous goods under transport regulations.

14.4. Packaging group:

Not classified as dangerous goods under transport regulations.

Seaborne Transport (IMDG)**14.1. UN number or ID number:**

Not classified as dangerous goods under transport regulations.

14.2. Proper UN

Not classified as dangerous goods under transport regulations.

shipping name: _____

14.3. Transport hazard classes:

Not classified as dangerous goods under transport regulations.

14.4. Packaging group:

Not classified as dangerous goods under transport regulations.

Air transport (ICAO-TI/IATA-DGR)**14.1. UN number or ID number:**

Not classified as dangerous goods under transport regulations.

14.2. Proper UN

Not classified as dangerous goods under transport regulations.

shipping name: _____

14.3. Transport hazard classes:

Not classified as dangerous goods under transport regulations.

14.4. Packaging group:

Not classified as dangerous goods under transport regulations.

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS:

No

14.6. Special precautions for the user

Not classified as dangerous goods under transport regulations.

14.7. Shipping of bulk cargo by sea in accordance with IMO instruments

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Not classified as dangerous goods under transport regulations.

SECTION 15: Legal Regulations**15.1. Safety, health and environmental protection regulations/specific legislation for the substance or mixture****EU regulations**

Restrictions on use (REACH, Annex XVII):

Entry 75

Directive 2010/75/EU on Industrial emissions: 2 % (20,4 g/l)

Directive 2004/42/EC on VOCs from Paints and varnishes: 2,99 % (30,498 g/l)

Information on the SEVESO III Directive 2012/18/EU: Not subject to the SEVESO III Directive

Additional information

Regulation (EC) No 648/2004 on detergents [Detergents Regulation].

National regulations

Water hazard class: 1 - slightly hazardous to water

Status: Classification of mixtures according to Annex 1, No. 5 AwSV

15.2. Chemical Safety Assessment

Chemical safety assessments for substances in this mixture have not been carried out.

SECTION 16: Other information**Changes**

This datasheet contains changes from the previous version in section(s): 2, 7, 9, 11, 15.

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Abbreviations and acronyms

CLP: Classification, labelling and Packaging
 REACH: Registration, Evaluation and Authorization of Chemicals
 GHS: Globally Harmonised System of Classification, Labelling and Packaging of Chemicals
 UN: United Nations
 CAS: Chemical Abstracts Service
 DNEL: Derived No Effect Level
 DMEL: Derived Minimal Effect Level
 PNEC: Predicted No Effect Concentration
 ATE: Acute toxicity estimate
 LC50: Lethal concentration, 50%
 LD50: Lethal dose, 50%
 LL50: Lethal loading, 50%
 EL50: Effect loading, 50%
 EC50: Effective Concentration 50%
 ErC50: Effective Concentration 50%, growth rate
 NOEC: No Observed Effect Concentration
 BCF: Bio-concentration factor
 PBT: persistent, bioaccumulative, toxic
 vPvB: very persistent, very bioaccumulative
 ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
 (European Agreement concerning the International Carriage of Dangerous Goods by Road)
 RID: Regulations concerning the international carriage of dangerous goods by rail
 ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
 (European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways)
 IMDG: International Maritime Code for Dangerous Goods
 EmS: Emergency Schedules
 MFAG: Medical First Aid Guide
 IATA: International Air Transport Association
 ICAO: International Civil Aviation Organization
 MARPOL: International Convention for the Prevention of Marine Pollution from Ships
 IBC: Intermediate Bulk Container
 VOC: Volatile Organic Compounds
 SVHC: Substance of Very High Concern
 For abbreviations and acronyms, see ECHA: Guidelines on information requirements and chemical safety assessment, Chapter R.20 (List of terms and abbreviations).

More information

The information provided is based on our current knowledge; however, it does not constitute a guarantee of product characteristics and does not establish any legally binding contractual relationship. The recipient of our products is solely responsible for complying with all applicable laws and regulations.

(The data for the relevant components were taken from the latest safety data sheet of the supplier.)



Data sheet for the public

In accordance with Regulation (EC) No 648/2004 ANNEX VII Part D.

Product: If Floh
Stand: 22.09.2026

CAS No.	Chemical/IUPAC name	INCI name
7732-18-5	Water	AQUA
57-55-6	Propane-1,2-diol	PROPYLENE GLYCOL
144-55-8	Natriumhydrogencarbonat	SODIUM BICARBONATE
122-99-6	2-Phenoxyethanol	PHENOXYETHANOL
68515-73-1	D-Glucopyranose, Oligomere, Decyloctylglycoside	CAPRYLYL/CAPRYL GLUCOSIDE
11138-66-2	Xanthan	XANTHAN GUM
.	Perfume	SCENT
.	dye	COLORANT
.	microorganisms	.

<http://ec.europa.eu/consumers/cosmetics/cosing/>

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Toilet Flea – a sewage treatment plant-compatible and low-pollutant sanitary additive

Stand: 13.10.2026

Characteristics:

Kloh Floh is a Blue Angel-certified sanitary additive for mobile toilet systems, such as those found in caravans, motorhomes, and boats. The microorganisms it contains promote the breakdown of feces and the decomposition of toilet paper. Klo Floh is compatible with sewage treatment plants and low in pollutants.

Application/Dosage:

Application and dosage are carried out according to the instructions on the product label.

Storage instructions:

Store frost-free, in a cool, dry place. Protect from direct sunlight.
With proper storage, usable for at least 2 years.

Ecology/Environment:

The surfactants contained in this mixture meet the biodegradability requirements laid down in Regulation (EC) No 648/2004 on detergents.

Please note:

This mixture is not classified as hazardous within the meaning of Regulation (EC) No 1272/2008

Storage should only be in the original container and separate from food.
Store away from children!

Only empty containers should be disposed of in the recycling collection.

Physical data:

Color:	blue
Consistency:	fluid
Odor: pH	flowery
value (concentrate):	8
Density:	1,02 g/cm ³

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Important information:

Dangerous goods: no
Data security sheet: Available on request

The product complies with the requirements of the Detergents Regulation, CLP Regulation and REACH Regulation.

Ingredients:

< 5% non-ionic surfactants, fragrances, preservatives (phenoxyethanol),
Microorganisms.

Article numbers:

1000 ml bottles / EAN: 4260398096542

5 L Canister / EAN: 4260398094715

This information is non-binding and cannot be used as a basis for liability against us.
We reserve the right to make changes in the course of technical progress and operational developments. The customer is obligated to conduct thorough testing of the product's properties. Users must also verify the compatibility with materials not explicitly mentioned. We assume no liability for damages resulting from improper use.

Axis 24 GmbH

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