

SAFETY DATA SHEETS

According to (EU) No. 1907/2006, (EU) No. 1272/2008 and their amendments (including (EU) No. 2020/878) and corrigenda

Version: 1.0
Creation Date: Dec. 24, 2024
Revision Date: Dec. 24, 2024

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name	Foaming Floor Cleaner HFF7
Nanoform	not applicable
Other means of identification	
Other names	-
Product number	-
Unique formula identifier (UFI)	-

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

Relevant identified uses	Clean for the floor
Uses advised against	no data available
Reason why uses advised against	no data available

1.3. Details of the supplier of the safety data sheet

Details of the supplier	
Company	
Address	
Telephone	
Details of the non-Community manufacturer or formulator	
Company	Suzhou FervorBlue Biological Technology Co., Ltd.
Address	No.78 Keling Road, SND Zone, Suzhou, P.R.China
Telephone	+86 19941882611
E-mail address of competent person responsible for the SDS	fbsupport@163.com

1.4. Emergency telephone number

Emergency telephone number	+86 19941882611
Opening hours	Monday to Friday, 9 am-5 pm (Standard time zone: UTC/GMT+8 hours).

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.1. Classification according to Regulation (EC) No 1272/2008 (CLP)

Not classified

2.1.2. Additional information

For the full text of Classification and Hazard-statements: see SECTION 16.

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008 [CLP]

Hazard pictogram(s)	No symbol.
Signal word	No signal word
Hazard statement(s)	none
Precautionary statement(s)	none
Supplemental Hazard information	no data available

2.3. Other hazards

no data available

SECTION 3: Composition/information on ingredients

3.1. Substances

not applicable

3.2. Mixtures

Chemical name	Common names and synonyms	CAS number	EC number	Registration number	Classification according to Regulation (EC)No 1278/2008(CLP)	% [weight]	SCL, M-factor, ATE
Water	Water	7732-18-5	231-791-2	-	Not classified.	>92.90%	-
Glycerol	Glycerol	56-81-5	200-289-5	-	Not classified.	<1.00%	-
Hexyl D-glucoside	Hexyl D-glucoside	54549-24-5	259-217-6	-	Eye Dam. 1,H318	<1.00%	-
Zinc diricinoleate	Zinc diricinoleate	13040-19-2	235-911-4	-	Not classified.	<1.00%	-
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts	1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts	61789-40-0	263-058-8	-	Skin Irrit. 2,H315;Skin Sens. 1,H317;Eye Irrit. 2,H319;Aquatic Chronic 3,H412	<1.00%	-
Alkohole, C9-11, ethoxyliert	Alkohole, C9-11, ethoxyliert	68439-46-3	614-482-0	-	Acute Tox. 4,H302;Eye Dam. 1,H318	<1.00%	-
Fatty acids, coco, potassium salts	Fatty acids, coco, potassium salts	61789-30-8	263-049-9	-	Skin Irrit. 2,H315;Eye Irrit. 2,H319	<1.00%	-
Sorbitan monooleate, ethoxylated	Sorbitan monooleate, ethoxylated	9005-65-6	500-019-9	-	Not classified.	<0.50%	-
Propane-1,3-diol	Propane-1,3-diol	504-63-2	207-997-3	-	Not classified.	<0.50%	-
1,2-benzisothiazol-3(2H)-one	1,2-benzisothiazol-3(2H)-one	2634-33-5	220-120-9	-	Acute Tox. 4,H302;Skin Irrit. 2,H315;Eye Dam. 1,H318;Skin Sens. 1,H317;Aquatic Acute 1,H400	<0.05%	-
Glutamic acid	Glutamic acid	56-86-0	200-293-7	-	Not classified.	<0.05%	-

Additional information for nanoforms

no data available

SECTION 4: First aid measures

4.1. Description of first aid measures

General notes

Medical attention is required. Consult a doctor. Show this safety data sheet (SDS) to the doctor in attendance.

Following inhalation

Move the victim into fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration and consult a doctor immediately. Do not use mouth to mouth resuscitation if the victim ingested or inhaled the chemical.

Following skin contact

Take off contaminated clothing immediately. Wash off with soap and plenty of water. Consult a doctor.

Following eye contact

Rinse with pure water for at least 15 minutes. Consult a doctor.

Following ingestion

Rinse mouth with water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a doctor or Poison Control Center immediately.

Self-protection of the first aider

Wear protective equipment. Consult a doctor.

4.2. Most important symptoms and effects, both acute and delayed

no data available

4.3. Indication of any immediate medical attention and special treatment needed

no data available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Use dry chemical, carbon dioxide or alcohol-resistant foam.

Unsuitable extinguishing media

no data available

5.2. Special hazards arising from the substance or mixture**Hazardous combustion products**

no data available

5.3. Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Avoid dust formation. Avoid breathing mist, gas or vapours. Avoid contacting with skin and eye. Use personal protective equipment. Wear chemical impermeable gloves. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.

6.2. Environmental precautions

Prevent further spillage or leakage if it is safe to do so. Do not let the chemical enter drains. Discharge into the environment must be avoided.

6.3. Methods and materials for containment and cleaning up

Collect and arrange disposal. Keep the chemical in suitable and closed containers for disposal. Remove all sources of ignition. Use spark-proof tools and explosion-proof equipment. Adhered or collected material should be promptly disposed of, in accordance with appropriate laws and regulations.

6.4. Reference to other sections

For disposal suggestions see section 13. For exposure controls / personal protection suggestions see section 8.

SECTION 7: Handling and storage**7.1. Precautions for safe handling**

Handling in a well ventilated place. Wear suitable protective clothing. Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Use non-sparking tools. Prevent fire caused by electrostatic discharge steam.

7.2. Conditions for safe storage, including any incompatibilities

Store the container tightly closed in a dry, cool and well-ventilated place. Store apart from foodstuff containers or incompatible materials.

7.3. Specific end use(s)

Main uses of the chemical are mentioned in section 1.2. No other specific uses are stipulated.

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****Occupational Exposure limit values**

Component	Glycerol			
CAS No.	56-81-5			
	Limit value - Eight hours		Limit value - Short term	
	ppm	mg/m ³	ppm	mg/m ³
Australia		10 (1)		
Belgium		10		
Canada - Ontario		10		
Canada - Québec		10		
Finland		20		
France		10		
Germany (AGS)		200 (1)		400 (1)(2)
Germany (DFG)		200 (1)		400 (1)(2)
Ireland		10		
New Zealand		10 (1)		
Poland		10		
Singapore		10		
South Korea		10		
Spain		10		
Switzerland		50 inhalable aerosol		100 inhalable aerosol
USA - OSHA		15 inhalable dust		

Component	Glycerol			
CAS No.	56-81-5			
		5 respirable dust		
United Kingdom		10		
	Remarks			
Australia	(1) This value is for inhalable dust containing no asbestos and			
Germany (AGS)	(1) Inhalable fraction (2) 15 minutes average value			
Germany (DFG)	(1) Inhalable fraction (2) 15 minutes average value			
New Zealand	(1) The value for inhalable dust containing no asbestos and less than 1% free silica.			

Component	Glutamic acid			
CAS No.	56-86-0			
	Limit value - Eight hours		Limit value - Short term	
	ppm	mg/m³	ppm	mg/m³
Latvia		10		
	Remarks			

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Ensure adequate ventilation. Handle in accordance with good industrial hygiene and safety practice. Set up emergency exits and the risk-elimination area.

8.2.2. Individual protection measures, such as personal protective equipment

Eye/face protection

Wear tightly fitting safety goggles with side-shields conforming to EN 166(EU) or NIOSH (US).

Skin protection

Wear fire/flammable resistant and impervious clothing. Handle with gloves. Gloves must be inspected prior to use. Wash and dry hands.

Respiratory protection

If the exposure limits are exceeded, irritation or other symptoms are experienced, use a full-face respirator.

Thermal hazards

no data available

8.2.3. Environmental exposure controls

See section 6.2.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Liquid.
Colour	Light yellow
Odour	Lime
Melting point/freezing point	no data available
Boiling point or initial boiling point and boiling range	no data available
Flammability	Non-flammable
Lower and upper explosion limit	no data available
Flash point	no data available
Auto-ignition temperature	no data available
Decomposition temperature	no data available
pH	8~9
Kinematic viscosity	no data available
Solubility	Totally soluble in water
Partition coefficient n-octanol/water	no data available
Vapour pressure	no data available
Density and/or relative density	no data available
Relative vapour density	no data available
Particle characteristics	no data available

9.2. Other information

9.2.1. Information with regard to physical hazard classes

no data available

9.2.2. Other safety characteristics

SECTION 10: Stability and reactivity

10.1. Reactivity

no data available

10.2. Chemical stability

no data available

10.3. Possibility of hazardous reactions

no data available

10.4. Conditions to avoid

no data available

10.5. Incompatible materials

no data available

10.6. Hazardous decomposition products

no data available

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

- Oral: pure CAS 56-81-5: LD50 Rat oral 12.6 g/kg; pure CAS 68439-46-3: LD50 - rat (male) - 4 600 mg/kg bw.; pure CAS 9005-65-6: LD50 - rat (male) - 58 860 mg/kg bw. Remarks: Recalculated value for 54.5 mL/kg bw based on a density of 1.08 g/mL (20 °C).; pure CAS 504-63-2: LD50 - rat (male/female) - ca. 14.9 mL/kg bw.; pure CAS 2634-33-5: LD50 Rat oral 1020 mg/kg; pure CAS 56-86-0: LD50 - rat (male/female) - > 5 110 mg/kg bw.
- Inhalation: pure CAS 56-81-5: LC50 Rat inhalation > 570 mg/cu m/1 hr; pure CAS 68439-46-3: LC50 - rat (male/female) - > 100 mg/m³ air.; pure CAS 9005-65-6: LC50 - rat (male/female) - > 5.1 mg/L air (analytical).; pure CAS 504-63-2: ALC - rat (male) - > 5 mg/L air (analytical).
- Dermal: pure CAS 68439-46-3: LD50 - rabbit (male) - 2 000 mg/kg bw.; pure CAS 504-63-2: LD50 - rat - > 4 200 mg/kg bw.; pure CAS 56-86-0: LD50 - rat (male/female) - > 2 000 mg/kg bw.

Skin corrosion/irritation

no data available

Serious eye damage/irritation

no data available

Respiratory or skin sensitization

no data available

Germ cell mutagenicity

no data available

Carcinogenicity

no data available

Reproductive toxicity

no data available

Summary of evaluation of the CMR properties

no data available

STOT-single exposure

no data available

STOT-repeated exposure

no data available

Aspiration hazard

pure CAS 56-81-5: Evaporation at 20°C is negligible; a nuisance-causing concentration of airborne particles can, however, be reached quickly on spraying.

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

no data available

11.2.2. Other information

no data available

SECTION 12: Ecological information

12.1. Toxicity

- Toxicity to fish: pure CAS 56-81-5: LC50 - Oncorhynchus mykiss (previous name: Salmo gairdneri) - 54 000 mg/L - 96 h.;pure CAS 68439-46-3: LC50 - Oncorhynchus mykiss (previous name: Salmo gairdneri) - 5 - 7 mg/L - 96 h.;pure CAS 9005-65-6: LL50 - Danio rerio (previous name: Brachydanio rerio) - > 100 mg/L - 96 h.;pure CAS 504-63-2: LC50 - Pimephales promelas - > 9 720 mg/L - 96 h.;pure CAS 2634-33-5: LC50; Species: Lepomis macrochirus (Bluegill) length 29 mm; Conditions: freshwater, flow through; Concentration: 540 ug/L for 96 hr (95% confidence interval: 350-820 ug/L) /93.2% purity;pure CAS 56-86-0: LC50 - Cyprinus carpio - > 100 mg/L - 96 h.
- Toxicity to daphnia and other aquatic invertebrates: pure CAS 56-81-5: LC50 - Daphnia magna - 1 955 mg/L - 48 h.;pure CAS 68439-46-3: EC50 - Daphnia magna - 2.5 mg/L - 48 h.;pure CAS 9005-65-6: LL50 - other aquatic crustacea: Acartia tonsa - > 10 000 mg/L - 48 h. Remarks:WAF.;pure CAS 504-63-2: EC50 - Daphnia magna - 7 417 mg/L - 48 h.;pure CAS 2634-33-5: EC50; Species: Daphnia magna (Water Flea) age <24 hr; Conditions: freshwater, flow through; Concentration: 3700 ug/L for 48 hr (95% confidence interval: 2900-4600 ug/L); Effect: intoxication, immobilization /89.8% purity;pure CAS 56-86-0: EC50 - Daphnia magna - > 100 mg/L - 48 h.
- Toxicity to algae: pure CAS 56-81-5: EC3 - Scenedesmus quadricauda - > 10 000 mg/L - 8 d.;pure CAS 68439-46-3: EC50 - Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum) - 1.4 mg/L - 96 h.;pure CAS 9005-65-6: EL10 - Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum) - 19.05 mg/L - 72 h.;pure CAS 504-63-2: EC50 - Desmodesmus subspicatus (previous name: Scenedesmus subspicatus) - 1 600 mg/L - 72 h.;pure CAS 56-86-0: EC50 - Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum) - > 31 mg/L - 72 h.
- Toxicity to microorganisms: pure CAS 56-81-5: Toxicity Threshold - Pseudomonas putida - > 10 000 mg/L - 16 h.;pure CAS 68439-46-3: EC50 - activated sludge of a predominantly domestic sewage - 140 mg/L - 3 h. Remarks:Respiration rate.;pure CAS 9005-65-6: NOEC - activated sludge of a predominantly domestic sewage - >= 16.84 mg/L - 14 d.;pure CAS 504-63-2: EC50 - Pseudomonas putida - 11 g/L - 16 h.

12.2. Persistence and degradability

no data available

12.3. Bioaccumulative potential

no data available

12.4. Mobility in soil

no data available

12.5. Results of PBT and vPvB assessment

no data available

12.6. Endocrine disrupting properties

no data available

12.7. Other adverse effects

no data available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product

The material can be disposed of by removal to a licensed chemical destruction plant or by controlled incineration with flue gas scrubbing. Do not contaminate water, foodstuffs, feed or seed by storage or disposal. Do not discharge to sewer systems.

Contaminated packaging

Containers can be triply rinsed (or equivalent) and offered for recycling or reconditioning. Alternatively, the packaging can be punctured to make it unusable for other purposes and then be disposed of in a sanitary landfill. Controlled incineration with flue gas scrubbing is possible for combustible packaging materials.

SECTION 14: Transport information

14.1. UN number or ID number

ADR/RID: Not dangerous goods.

IMDG: Not dangerous goods.

IATA: Not dangerous goods.

14.2. UN proper shipping name

ADR/RID: Not dangerous goods.

IMDG: Not dangerous goods.

IATA: Not dangerous goods.

14.3. Transport hazard class(es)

ADR/RID: Not dangerous goods.

IMDG: Not dangerous goods.

IATA: Not dangerous goods.

14.4. Packing group

ADR/RID: Not dangerous goods.

IMDG: Not dangerous goods.

IATA: Not dangerous goods.

14.5. Environmental hazards

ADR/RID: No

IMDG: No

IATA: No

14.6. Special precautions for user

no data available

14.7. Maritime transport in bulk according to IMO instruments

SECTION 15: Regulatory information

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

Chemical name	Common names and synonyms	CAS number	EC number
Water	Water	7732-18-5	231-791-2
European Inventory of Existing Commercial Chemical Substances (EINECS)			Listed.
Chemical name	Common names and synonyms	CAS number	EC number
Glycerol	Glycerol	56-81-5	200-289-5
European Inventory of Existing Commercial Chemical Substances (EINECS)			Listed.
Chemical name	Common names and synonyms	CAS number	EC number
Hexyl D-glucoside	Hexyl D-glucoside	54549-24-5	259-217-6
European Inventory of Existing Commercial Chemical Substances (EINECS)			Listed.
Chemical name	Common names and synonyms	CAS number	EC number
Zinc diricinoleate	Zinc diricinoleate	13040-19-2	235-911-4
European Inventory of Existing Commercial Chemical Substances (EINECS)			Listed.
Chemical name	Common names and synonyms	CAS number	EC number
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts	1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts	61789-40-0	263-058-8
European Inventory of Existing Commercial Chemical Substances (EINECS)			Listed.
Chemical name	Common names and synonyms	CAS number	EC number
Alkohole, C9-11, ethoxyliert	Alkohole, C9-11, ethoxyliert	68439-46-3	614-482-0
European Inventory of Existing Commercial Chemical Substances (EINECS)			Not Listed.
Chemical name	Common names and synonyms	CAS number	EC number
Fatty acids, coco, potassium salts	Fatty acids, coco, potassium salts	61789-30-8	263-049-9
European Inventory of Existing Commercial Chemical Substances (EINECS)			Listed.
Chemical name	Common names and synonyms	CAS number	EC number
Sorbitan monooleate, ethoxylated	Sorbitan monooleate, ethoxylated	9005-65-6	500-019-9
European Inventory of Existing Commercial Chemical Substances (EINECS)			Not Listed.
Chemical name	Common names and synonyms	CAS number	EC number
Propane-1,3-diol	Propane-1,3-diol	504-63-2	207-997-3
European Inventory of Existing Commercial Chemical Substances (EINECS)			Listed.
Chemical name	Common names and synonyms	CAS number	EC number
1,2-benzisothiazol-3(2H)-one	1,2-benzisothiazol-3(2H)-one	2634-33-5	220-120-9
European Inventory of Existing Commercial Chemical Substances (EINECS)			Listed.
Chemical name	Common names and synonyms	CAS number	EC number
Glutamic acid	Glutamic acid	56-86-0	200-293-7
European Inventory of Existing Commercial Chemical Substances (EINECS)			Listed.

15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

SECTION 16: Other information

Indication of changes

Version 1.0

Initial issue.

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.