

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: Sept. 13, 2024
Revision Date: Sept. 13, 2024

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

1.1. Product identifier

Product name	Multi-Surface Floor Cleaner for Oil and Grease HFF5
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)

Eye Dam. 1,H318

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)



Signal word

Danger

Hazard statement(s)

H318 Causes serious eye damage.

Precautionary statement(s)

P280 Wear protective gloves/protective clothing/eye protection/face protection.
P310 Immediately call a POISON CENTER/doctor/...
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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.	>84.79%	-
D-Glucopyranose, oligomers, decyl octyl glycosides	C08-10 Alkyl polyglucoside	68515-73-1	500-220-1	-	Eye Dam. 1,H318	<4.00%	-
Alcohols, C12-16, ethoxylated	Alcohols, C12-16, ethoxylated	68551-12-2	500-221-7	-	Skin Irrit. 2,H315;Eye Dam. 1,H318;Aquatic Acute 1,H400	<3.00%	-
1-Heptanol, 2-propyl-, 7EO	2-propylheptanol ethoxylate	160875-66-1	605-233-7	-	Acute Tox. 4,H302;Eye Dam. 1,H318	<3.00%	-
2-methyloxirane	Propylene glycol block polyether	9003-11-6	618-355-0	-	Not classified.	<3.00%	-
Isotridecanol, ethoxylated	Poly(ethylene glycol) mono(isotridecanol) ether	9043-30-5	500-027-2	-	Acute Tox. 4,H302;Eye Dam. 1,H318	<2.00%	-
-	Fragrance	-	-	-	no data available	<0.20%	-
1,2-benzisothiazol-3(2H)-one	1,2-benzisothiazolin-3-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	<0.01%	-

Additional information for nanofoms

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

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

no data available

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/flame 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 blue
Odour	Citrus
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	>93.3°C
Auto-ignition temperature	no data available
Decomposition temperature	no data available

pH	6~8
Kinematic viscosity	no data available
Solubility	Water soluble
Partition coefficient n-octanol/water	no data available
Vapour pressure	no data available
Density and/or relative density	0.95~1.05
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

no data available

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 2634-33-5: LD50 Rat oral 1020 mg/kg
- Inhalation: no data available
- Dermal: no data available

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

no data available

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 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
- Toxicity to daphnia and other aquatic invertebrates: 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
- Toxicity to algae: no data available
- Toxicity to microorganisms: no data available

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

no data available

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
D-Glucopyranose, oligomers, decyl octyl glycosides	C08-10 Alkyl polyglucoside	68515-73-1	500-220-1
European Inventory of Existing Commercial Chemical Substances (EINECS)			Not Listed.
Chemical name	Common names and synonyms	CAS number	EC number
Alcohols, C12-16, ethoxylated	Alcohols, C12-16, ethoxylated	68551-12-2	500-221-7
European Inventory of Existing Commercial Chemical Substances (EINECS)			Not Listed.
Chemical name	Common names and synonyms	CAS number	EC number
1-Heptanol, 2-propyl-, 7EO	2-propylheptanol ethoxylate	160875-66-1	605-233-7
European Inventory of Existing Commercial Chemical Substances (EINECS)			Not Listed.
Chemical name	Common names and synonyms	CAS number	EC number
2-methyloxirane	Propylene glycol block polyether	9003-11-6	618-355-0
European Inventory of Existing Commercial Chemical Substances (EINECS)			Not Listed.
Chemical name	Common names and synonyms	CAS number	EC number
Isotridecanol, ethoxylated	Poly(ethylene glycol) mono(isotridecanol) ether	9043-30-5	500-027-2
European Inventory of Existing Commercial Chemical Substances (EINECS)			Not Listed.
Chemical name	Common names and synonyms	CAS number	EC number
-	Fragrance	-	-
European Inventory of Existing Commercial Chemical Substances (EINECS)			Not Listed.
Chemical name	Common names and synonyms	CAS number	EC number
1,2-benzisothiazol-3(2H)-one	1,2-benzisothiazolin-3-one	2634-33-5	220-120-9
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.

Full text of Classification and Hazard-statements referred to under sections 2

Eye Dam. 1, H318 Serious eye damage, Category 1

H318 Causes serious eye damage.

Advice on any training appropriate for workers to ensure protection of human health and the environment

Provide sufficient information, guidance and training to operating personnel.

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.