

SAFETY DATA SHEETS

According to American OSHA Hazard Communication Standard 2012 (29 CFR 1910.1200)

Version: 1.0
Creation Date: June 9, 2023
Revision Date: June 9, 2023

1. Identification

1.1 Product identifier

Product name Cleaning Tablets, Spring Breeze

1.2 Other means of identification

Product number -

Other names -

1.3 Recommended use of the chemical and restrictions on use

Identified uses Clean for the floor

Uses advised against no data available

1.4 Details of the supplier of the safety data sheet

Company Suzhou FervorBlue Biological Technology Co., Ltd.

Address No.78 Keling Road, SND Zone, Suzhou, P.R.China

Telephone +86-512-68059070

1.5 Emergency phone number

Emergency phone number +86-512-68059070

Service hours Monday to Friday, 9am-5pm (Standard time zone: UTC/GMT +8 hours).

2. Hazard(s) identification

2.1 GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

Skin corrosion, Category 1

Eye damage, Category 1

2.2 GHS label elements, including precautionary statements

Hazard pictogram(s)



Signal word Danger

Hazard statement(s)
H303 May be harmful if swallowed
H314 Causes severe skin burns and eye damage
H318 Causes serious eye damage

Precautionary statement(s)

Prevention

P260 Do not breathe dust/fume/gas/mist/vapours/spray.

P264 Wash ... thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

Response

P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P363 Wash contaminated clothing before reuse.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P310 Immediately call a POISON CENTER/doctor/...

P321 Specific treatment (see ... on this label).

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Storage

P405 Store locked up.

Disposal

P501 Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

2.3 Hazards not otherwise classified (HNOC) or not covered by GHS

no data available

3. Composition/information on ingredients

3.1 Substances

not applicable

3.2 Mixtures

Chemical name	Common names and synonyms	CAS number	EC number	% [weight]
Sodium hydrogencarbonate	Sodium hydrogen carbonate	144-55-8	205-633-8	>45%
Citric acid	Citric acid	77-92-9	201-069-1	>40%
1-Heptanol, 2-propyl-, 7EO	Ethoxylated 2-propylheptanol	160875-66-1	605-233-7	<10%
Ethylenediaminetetraacetic acid tetrasodium salt tetrahydrate	EDTA-4Na	13235-36-4	603-569-9	<5%
-	Fragrance	Mixture	Mixture	<0.5%

4. First-aid measures

4.1 Description of necessary first-aid measures

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

First rinse with plenty of water for several minutes (remove contact lenses if easily possible), then refer for medical attention.

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.

4.2 Most important symptoms/effects, acute and delayed

no data available

4.3 Indication of immediate medical attention and special treatment needed, if necessary

no data available

5. Fire-fighting measures

5.1 Suitable extinguishing media

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

5.2 Specific hazards arising from the chemical

Hazardous combustion products

Not combustible.

5.3 Special protective equipment and precautions for fire-fighters

In case of fire in the surroundings, use appropriate extinguishing media.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Sweep spilled substance into covered containers. If appropriate, moisten first to prevent dusting. Wash away remainder with plenty of water.

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.

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

Separated from acids.

8. Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure limit values

Component	Sodium hydrogen carbonate			
CAS No.	144-55-8			
	Limit value - Eight hours		Limit value - Short term	
	ppm	mg/m³	ppm	mg/m³
Latvia		5		
	Remarks			

Biological limit values

no data available

8.2 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.

8.3 Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection

Wear safety spectacles.

Skin protection

Wear fire/flame resistant and impervious clothing. Handle with gloves. Gloves must be inspected prior to use. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Body Protection

Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

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

9. Physical and chemical properties

Appearance	Solid.
Odor	Spring breeze
Odor threshold	no data available
pH	no data available
Melting point/freezing point	no data available
Initial boiling point and boiling range	no data available
Flash point	no data available
Evaporation rate	no data available
Flammability	no data available
Upper/lower flammability or explosive limits	no data available
Vapor pressure	no data available
Vapor density	no data available
Relative density	1~2
Solubility(ies)	Water soluble
Partition coefficient n-octanol/water	no data available
Auto-ignition temperature	no data available
Decomposition temperature	no data available
Viscosity	no data available

10. Stability and reactivity

10.1 Reactivity

no data available

10.2 Chemical stability

no data available

10.3 Possibility of hazardous reactions

The solution in water is a weak base. Reacts with acids.

10.4 Conditions to avoid

no data available

10.5 Incompatible materials

no data available

10.6 Hazardous decomposition products

no data available

11. Toxicological information

Acute toxicity

- Oral: pure CAS 144-55-8: LD50 - rat (male/female) - > 4 000 mg/kg bw.; pure CAS 77-92-9: LD50 - mouse (male/female) - 5 400 mg/kg bw. Remarks: Observation limited to 10 days.
- Inhalation: pure CAS 144-55-8: limit test - rat (male/female) - > 4.74 mg/L air.
- Dermal: pure CAS 77-92-9: 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

STOT-single exposure

pure CAS 144-55-8: The substance is mildly irritating to the eyes.; pure CAS 77-92-9: The substance is irritating to the eyes, skin and respiratory tract.

STOT-repeated exposure

pure CAS 77-92-9: The substance may have effects on the teeth. This may result in erosion.

Aspiration hazard

pure CAS 144-55-8: Evaporation at 20°C is negligible; a nuisance-causing concentration of airborne particles can, however, be reached quickly when dispersed, especially if powdered.; pure CAS 77-92-9: Evaporation at 20°C is negligible; a nuisance-causing concentration of airborne particles can, however, be reached quickly when dispersed.

12. Ecological information

12.1 Toxicity

- Toxicity to fish: pure CAS 144-55-8: LC50 - *Lepomis macrochirus* - 7 100 mg/L - 96 h.; pure CAS 77-92-9: LC50 - *Leuciscus idus melanotus* - 440 mg/L - 48 h.
- Toxicity to daphnia and other aquatic invertebrates: pure CAS 144-55-8: EC50 - *Daphnia magna* - 4 100 mg/L - 48 h.; pure CAS 77-92-9: LC50 - *Daphnia magna* - 1 535 mg/L - 24 h.
- Toxicity to algae: pure CAS 144-55-8: EC50 - other algae: *Nitzschia linearis* W. Sm. - 650 mg/L - 5 d.; pure CAS 77-92-9: Toxicity Threshold - *Scenedesmus quadricauda* - 640 mg/L - 8 d.
- Toxicity to microorganisms: pure CAS 77-92-9: TT - *Pseudomonas putida* - > 10 000 mg/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 Other adverse effects

no data available

13. Disposal considerations

13.1 Disposal 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.

14. Transport information

14.1 UN 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, if applicable

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 Transport in bulk according to IMO instruments

no data available

15. Regulatory information**15.1 Safety, health and environmental regulations specific for the product in question**

Chemical name	Common names and synonyms	CAS number	EC number
Sodium hydrogencarbonate	Sodium hydrogen carbonate	144-55-8	205-633-8
United States Toxic Substances Control Act (TSCA) Inventory			Listed.
California Prop. 65 Components			Not Listed.
New Jersey Right To Know - Right to Know Hazardous Substance List (RTKHSL)			Not Listed.
Massachusetts Right To Know - MASSACHUSETTS SUBSTANCE LIST (MSL)			Not Listed.
Pennsylvania Right To Know - HAZARDOUS SUBSTANCE LIST			Not Listed.
Federal Drinking Water Guidelines	no data available		
State Drinking Water Guidelines	no data available		
Clean Water Act Requirements	no data available		
CERCLA Reportable Quantities	no data available		
RCRA Requirements	no data available		
FIFRA Requirements	no data available		
FDA Requirements	no data available		
Chemical name	Common names and synonyms	CAS number	EC number
Citric acid	Citric acid	77-92-9	201-069-1
United States Toxic Substances Control Act (TSCA) Inventory			Listed.
California Prop. 65 Components			Not Listed.
New Jersey Right To Know - Right to Know Hazardous Substance List (RTKHSL)			Not Listed.
Massachusetts Right To Know - MASSACHUSETTS SUBSTANCE LIST (MSL)			Not Listed.
Pennsylvania Right To Know - HAZARDOUS SUBSTANCE LIST			Not Listed.
Chemical name	Common names and synonyms	CAS number	EC number
1-Heptanol, 2-propyl-, 7EO	Ethoxylated 2-propylheptanol	160875-66-1	605-233-7
United States Toxic Substances Control Act (TSCA) Inventory			Listed.
California Prop. 65 Components			Not Listed.
New Jersey Right To Know - Right to Know Hazardous Substance List (RTKHSL)			Not Listed.
Massachusetts Right To Know - MASSACHUSETTS SUBSTANCE LIST (MSL)			Not Listed.
Pennsylvania Right To Know - HAZARDOUS SUBSTANCE LIST			Not Listed.
Chemical name	Common names and synonyms	CAS number	EC number
Ethylenediaminetetraacetic acid tetrasodium salt tetrahydrate	EDTA-4Na	13235-36-4	603-569-9
United States Toxic Substances Control Act (TSCA) Inventory			Not Listed.
California Prop. 65 Components			Not Listed.
New Jersey Right To Know - Right to Know Hazardous Substance List (RTKHSL)			Not Listed.
Massachusetts Right To Know - MASSACHUSETTS SUBSTANCE LIST (MSL)			Not Listed.
Pennsylvania Right To Know - HAZARDOUS SUBSTANCE LIST			Not Listed.
Chemical name	Common names and synonyms	CAS number	EC number
-	Fragrance	-	-

United States Toxic Substances Control Act (TSCA) Inventory	Not Listed.
California Prop. 65 Components	Not Listed.
New Jersey Right To Know - Right to Know Hazardous Substance List (RTKHSL)	Not Listed.
Massachusetts Right To Know - MASSACHUSETTS SUBSTANCE LIST (MSL)	Not Listed.
Pennsylvania Right To Know - HAZARDOUS SUBSTANCE LIST	Not Listed.

16. Other information

Information on revision

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Disclaimer: 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. We as supplier shall not be held liable for any damage resulting from handling or from contact with the above product.