

SAFETY DATA SHEET

October. 2022

1. PRODUCT IDENTIFICATION

Trade Name : **Fine Bubble®**
 Manufactured by : **Fujikin Incorporated**
 Address : Kita Hankyu Bldg., 1-4-8 Shibata, Kita-ku, Osaka, 530-0012 Japan
 TEL +81-72-977-4784 FAX +81-72-977-5549
 Department in charge : New quality assurance department
 Order Number : No.0001
 Recommended uses : Gas leak test

2. HAZARD IDENTIFICATION

GHS classification

Explosives : Not Applicable
 Flammable gases : Not Applicable
 Aerosols : Not Applicable
 Oxidizing gases : Not Applicable
 Gases under pressure : Not Applicable
 Flammable liquids : Not Applicable
 Flammable solids : Not Applicable
 Self-reactive substances and mixture : Not Applicable
 Pyrophoric liquids : Not Applicable
 Pyrophoric solids : Not Applicable
 Self-heating substances and mixtures : Not Applicable
 Substances and mixtures, which in contact with water, emit flammable gases : Not Applicable
 Oxidizing liquids : Not Applicable
 Oxidizing solids : Not Applicable
 Organic peroxides : Not Applicable
 Corrosive to metals : Not Applicable
 Acute toxicity (Oral) : Not Applicable
 Acute toxicity (Dermal) : Not Applicable
 Acute toxicity (Inhalation: gas) : Not Applicable
 Acute toxicity (Inhalation: vapour) : Not Applicable
 Acute toxicity (Inhalation: dust, mist) : Not Applicable
 Skin corrosion/ irritation : Unclassifiable
 Serious eye damage/ eye irritation : Unclassifiable
 Respiratory sensitizer : Unclassifiable

Skin sensitizer	: Unclassifiable
Germ cell mutagenicity	: Unclassifiable
Carcinogenicity	: Unclassifiable
Toxic to reproduction	: Unclassifiable
Effects on or via lactation	: Unclassifiable
Specific target organ toxicity following single exposure	: Unclassifiable
Specific target organ toxicity following repeated exposure	: Unclassifiable
Aspiration hazard	: Not Applicable
Acute hazards to the aquatic environment	: Not Applicable
Long-term hazards to the aquatic environment	: Not Applicable

Label Elements

Pictograms or hazard symbol	: Not Applicable
Signal word(s)	: Not Applicable

Other hazards which do not result in classification

Irritation
Harmful if swallowed
May irritate to eyes and skin

3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients:	Mixture of water and surfactant
Wt%	Surfactant: Less than 2%. Water: Minimum 98%.

4. FIRST AID MEASURES

After contact with eyes:	Rinse thoroughly with water.
After contact with skin:	Wash thoroughly with soap and water.
If swallowed:	Induce vomiting.
* In all cases, seek medical attention if needed.	

5. FIRE FIGHTING MEASURES

Suitable extinguishing agents	: Not applicable.
Unsuitable extinguishing agents	: None.
Additional Information	: None.

6. ACCIDENTAL RELEASE MEASURES

There is no risk of inhalation of gas. Use absorbent material to clean spills or wash away spilled liquid with plenty of water.

7. HANDLING AND STORAGE

Protection from fire or explosion : None.

Storage : Store in a cool, dry place for optimum product performance.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Respiratory protection : None required.

Hand protection : Rubber gloves are recommended to minimize exposure.

Eye protection : Safety goggles or safety glasses are recommended.

Skin protection : Wash hands after use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical properties

Shape : Liquid (20 °C) , An effervescent aqueous solution

Appearance : Colorless or pale yellow

Odor : There is a slight odor

PH : approximately 7.8

Changes in physical and thermo-physical properties

Boiling Point : approximately 100 °C

Melting Point : approximately 0 °C

Decomposition temperature : Not Applicable.

Flash Point : Not Applicable.

Ignition Point : Not Applicable.

Flammability : None.

Oxidizability : None.

Self-reactive / Explosive

Explosive : Not Applicable.

Vapor Pressure : Not Applicable.

Density : approximately 1.0 g/cm³

Solubility : Easily soluble in water and in alcohol.

10. STABILITY AND REACTIVITY

Stability : Stable under normal handling and storage conditions.

Light : May be discolored by light.

Temperature : Stable under normal handling and storage conditions.

Impact : Stable under normal handling and storage conditions.

Reactivity : No self-reactive. No reactivity with water.

Conditions to avoid	: None.
Material to avoid	: Strong oxidizers, Alkali metals, and compounds that react exothermically with water.
Hazardous decomposition products	: None.

11. TOXICOLOGICAL INFORMATION

Acute toxic properties	: LD50 138,000mg/kg [Rat] (active ingredient)
Local effect	
Skin corrosivity	: Not Applicable.
Skin irritation	: There is a risk of stimulating.
Eye irritation	: There is a risk of stimulating.
Sensitizing potential	: Not Applicable.
Chronic toxicity	: Not Applicable.
Carcinogenicity	
IARC	: Not Applicable.
Japanese Society of Occupational Health	: Not Applicable.
Mutagenicity	: Not Applicable.
Teratogenicity	: Not Applicable.
Reproductive toxicity	: Not Applicable.
Others	: Not Applicable.

12. ENVIRONMENTAL IMPACT INFORMATION

Mobility	: Comparable to water.
Persistence / Degradability	: Substance seems to be biodegradable.
Bioaccumulation	: Not Applicable.
Ecotoxicity	: Not Applicable.
Aquatic toxicity	: Not Applicable.
Others data	: COD 2700 mg/ℓ

13. DISPOSAL CONSIDERATION

Residual waste	: In normal use should be discarded after washed with water.
Contaminated vessel	: Refill the vessel for reuse. After removing the contents, was washed, it is recommended to recycle. Or, after removing the contents, contracts with suppliers and processing of industrial Waste Collectors and Transporters who has received the permission of the prefectural governor, and washing it, and cope with proper comply with the law.

14. TRANSPORT INFORMATION

Japanese law

Land transportation : Non dangerous substance.

Maritime transport : Non dangerous substance.

(Transportation according to the method stipulated in the Ship Safety Law)

Air transport : Non dangerous substance.

(Transportation according to the method stipulated in the Civil Aeronautics Law)

International laws and regulations

United Nations Number : Not Applicable.

Specific safety measures and conditions of transport

To ensure that no damage or leaky vessel before transport.

Vessel is loading so that it does not falling, dropped, frayed or damaged, make sure to prevent load shifting.

Handle away from moisture direct sunlight, high temperatures (over 40 ° C).

15. REGULATORY INFORMATION

Japanese regulation

Act Pertaining to the Prevention of Marine Pollution and Maritime Disaster

: Toxic liquid (Class Y substance) (1.0% maximum content)

TSCA : Listing. (1.0% maximum content)

EINECS NUMBER : Polymer definition applies. (1.0% maximum content)

16. OTHERS

The content of this document is strictly based on currently available information and references. The presented data and evaluation do not provide product warranty of any kind.

In addition, the information relates only to normal product use. Please use appropriate safety precautions when using this product for any purpose other than for what it is intended.