
Safety data sheet

1. Identification

Product name	Eco-Friendly Medicinal Hand Soap / Made with Recycled Oil
Company name	Miccheal Chemical CO., LTD.
Address	2-14 Ishijima, Koto-ku, Tokyo
Tel	+(81)3-5633-2520
Fax	+(81)3-5653-3575
Department	Research and Development
Emergency contact	+(81)72-268-1181

2. Hazard identification**GHS classification****Physicochemical hazards**

Flammable liquids	Not classified
Corrosive to metal	Not classified

Health hazards

Acute toxicity	
- oral	Not classified
- dermal	Not classified
- Inhalation, gas	Not classified
- Inhalation, vapor	Not classified
- Inhalation, dust and mist	Not classified
Skin corrosion/ irritation	Classification not possible
Serious eye damage/eye irritation	Category 1
Respiratory sensitization	Classification not possible
Skin sensitization	Classification not possible
Germ cell mutagenicity	Classification not possible
Carcinogenicity	Classification not possible
Reproductive toxicity	Classification not possible
Specific target organ toxicity	
- single exposure	Classification not possible
	Classification not possible
- repeated exposure	Classification not possible
Aspiration hazard	Classification not possible

Environmental toxicity

Aquatic environmental toxicity	
- acute	Classification not possible
- chronic	Classification not possible

GHS labelling elements**Symbols/Pictograms**

Signal word	Danger
Hazard information	Causes serious eye damage

Instruction

Response:	If in eyes:
	Rinse cautiously with water for several minutes.
	Remove contact lenses, if present and easy to do. Continue rinsing.
	Immediately call a doctor.

3. Composition/information on ingredients

Single substance or mixtures

A mixture

Ingredient

Chemical or common name	Concentration range	CAS No.
Water	Balance	7732-18-5
Potassium Soap Base	Undisclosed	Undisclosed
Glycerin	Undisclosed	56-81-5
Triethanolamine	0.2 - 0.4%	102-71-6
Potassium EDTA	< 1%	Undisclosed
Fragrance	Undisclosed	Undisclosed
Isopropylmethylphenol	Undisclosed	499-75-2

*Ingredients and content are classified as trade secrets, so we will notify you separately after signing a non-disclosure agreement.

4. First-aid measures

If inhaled	Immediately move to a place with fresh air and rest in a posture that is easy to breathe. Immediately call a doctor.
If on skin	If any abnormalities appear on the skin, discontinue use and consult a dermatologist.
If in eyes	Leaving contact lenses in may cause blindness so remove them and without rubbing them, wash them in running water for several minutes.
If swallowed	Immediately wash the person's mouth out with water and ensure they drink a large amount of water. Do not induce vomiting and promptly get medical advice/attention.

5. Fire-fighting measures

Extinguisher	This is a nonflammable solution.
Fire-extinguishing agents that must not be used	None known
Specific fire fighting method	Perform fire-fighting work from a windward direction. Spray water to surrounding facilities to keep them cool. Wear suitable respiratory equipment and chemical protective clothing.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	Entrance by anyone other than those involved is prohibited. In case of large amounts, evacuate people safely.
Environmental precautions	Take care so effluent product is not discharged into rivers, etc. and should prevent a harmful impact to the environment. When diluting with a large volume of water, take care so the contaminated waste water should not be discharged into the environment without being processed properly. Do not flush the leakage directly into rivers and sewage.
Methods and materials for containment and cleaning up	In case of a small amount, absorb leakages with adsorbents (sawdust, earth, sand, rags, etc.) and thoroughly wipe the rest with rags or mops. In case of a large amount, prevent the outflow to the surrounding area and appropriately dispose after leading it to a safe place.

7. Handling and storage

Handling

Technical measures	Do not overturn, drop, apply impact, or drag containers.
Local ventilation / Entire ventilation	Use in an area with sufficient ventilation.
Safety precautions of treatment	Do not contact, inhale or swallow.

Wash hands, face, etc. thoroughly.

Storage

Appropriate storage conditions	Store in a well-ventilated place. Keep container tightly closed. Store the product so that it is not mixed with other products. Keep the container away from direct sunlight and fire.
Safety materials for packaging containers	Use special containers designated by the company (special containers on which surface brand name, usage and precautions are written) when transferring this product to another container.

8. Exposure controls/personal protection

Protective equipment

Respiratory protective equipment	-
Protective hand equipment	-
Protective eyes equipment	-
Protective skin & body equipment	-

9. Physical and chemical properties

Physical state	Liquid
Color	Light yellow, clear
Odor	Herbal
Melting point/Freezing point	No data
Initial boiling point and boiling range	No data
Flammability	No data
Upper/lower flammability or explosive limits	No data
Flash point	No data
Auto-ignition temperature	No data
Decomposition temperature	No data
pH	9.9 - 10.2
Kinematic viscosity	No data
Solubility	The product can be mixed with water at an arbitrary ratio.
Partition coefficient : n-octanol/water	No data
Vapor pressure	No data
Density / Relative density	Specific density: 1.03 (25°C)
Vapor density	No data
Particle properties	Not applicable

10. Stability and reactivity

Reactivities	No data
Chemical stability	Safe when handled and stored in accordance with regulations.
Possibility of hazardous reactions	Reacts with acid to produce heat.
Conditions to avoid	Contact with incompatible materials
Incompatible materials	Acidic substances
Hazardous decomposition products	No data

11. Toxicological information

Acute toxicity (oral)	No data as a product
Acute toxicity (dermal)	No data as a product
Skin corrosion/irritation	No data as a product
Serious eye damage/eye irritation	No data as a product
Respiratory sensitization	No data as a product

Skin sensitization	No data as a product
Germ cell mutagenicity	No data as a product
Carcinogenicity	No data as a product
Reproductive toxicity	No data as a product
Specific target organ toxicity	
(single exposure)	No data as a product
(repeated exposure)	No data as a product
Aspiration hazard	No data as a product

12. Ecological information

Ecotoxicity	
(Acute)	No data as a product
(Chronic)	No data as a product
Persistence/Degradability	No data as a product
Bioaccumulation	No data as a product
Mobility in soil	No data as a product
Hazardous to the ozone layer	No data as a product

13. Disposal considerations

Refer to the 【7. Handling and storage】.

Dispose used containers after thoroughly washing.

Dispose of in accordance with all federal, state and local applicable regulations.

14. Transport information

International regulations	
Marine regulation information	Conform to IMO regulations.
Aviation regulation information	Conform to ICAO/IATA regulations
UN No.	-
Propper Shipping Name	-
UN classification	-
Container grade	-
Marine Pollutant	Not Applicable
Domestic regulations	Follow the applicable laws and regulations.
Specific safety measures and conditions for transportation	Avoid placing the container in direct sunlight or a hot place.
	When transporting the container, check that there are no leaks and carefully load the container so that it does not fall, drop, or is damaged, and prevent the load from collapsing.

15. Regulatory information (only in Japan)

Industrial Safety and Health Act Enforcement Order Article 18 and Article 18-2	
Triethanolamine	
Industrial Safety and Health Act Enforcement Order Attached Table 1 (Dangerous Materials)	
Not applicable	
Industrial Safety and Health Act Enforcement Order Attached Table 3 (Specified Chemical Substances, Manufacturing Permitted Substances)	
Not applicable	
Industrial Safety and Health Act Enforcement Order Appended Table 6-2 (Organic Solvents)	
Not applicable	
Lead poisoning prevention regulations (Lead and lead compounds specified in Attached Table 4, Item 6 of the Enforcement Order of the Industrial Safety and Health Act)	
Not applicable	
Tetraalkyl lead poisoning prevention regulations (Tetraalkyl lead specified in Attached Table 5, Item 1 of the Industrial Safety and Health Act Enforcement Order)	
Not applicable	

Industrial Safety and Health Regulations Article 577-2 (Carcinogenic Substances)

Not applicable

Industrial Safety and Health Regulations Article 594-2 (Chemical substances that cause skin damage)

Not applicable

Act on Promotion of Ascertainment of Emissions of Specified Chemical Substances into the Environment and Improvement of Management (PRTR)

Not applicable

Poisonous and Deleterious Substances Control Law (Poisonous and Deleterious Substances)

Not applicable

Act on Waste Treatment and Cleaning (Specially Controlled Industrial Waste)

Not applicable

Act on Regulation of Household Products Containing Hazardous Substances (Hazardous Substances)

Not applicable

Chemical Substances Control Law (Class 1 Specified Chemical Substances, Class 2 Specified Chemical Substances)

Not applicable

Fire Service Act (Hazardous materials)

Not applicable

16. Others

Inquiries about the contents of description

Company name	Miccheal Chemical CO., LTD.
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The contents included herein are provided with currently available materials and information, but the assessments on danger and hazards are not necessarily inapplicable. Consequently, the product should be carefully handled. All remarks and precautions are prepared for ordinary handling, and it is the user's responsibility to apply sufficient measures applicable to the event and method of particular use. Furthermore this information may be revised based on new knowledge without notice.