
Section 4 — FIRST AID MEASURES

Inhalation	: Move affected person to the open air. Keep him or her at rest to allow easier breathing. Call a doctor if you feel unwell.
Skin Contact	: Remove / Take off immediately all contaminated clothing. Wash with plenty of soap and water. Call a doctor.
Eye Contact	: Rinse mouth. Do not induce vomiting. contact lenses if present and easy to do. Continue rinsing. Call a doctor.
Ingestion	: Rinse Call a doctor.
Protection of first-aiders	Wear appropriate protective equipment as required.

Section 5 — FIRE FIGHTING MEASURES

Extinguishing media	: Water, carbon dioxide, fire extinguisher (powder), earth
Specific methods of fire—fighting	: Extinguish fire from windward side in a place free of gas retention, and take steps against leakage.
Protection of Fire Fighter	: In fire—extinguishing activity, wear an appropriate air breathing apparatus and full protective clothing for chemicals.

Section 6 — ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures	: Prohibit unauthorized entry into the area. Ventilate the closed area. Do not touch the leakage. Wear appropriate personal protective equipment (Refer to “ Section 8 ”) and avoid inhalation or contact with eyes and skin.
Environmental Precautions	: Do not release into the environment Contamination of the terrestrial and aquatic environments should be avoided. Diluent may cause pollution.
Recovery/neutralization	: For small amounts : Absorb spills with inert materials (such as dry sand or soil) and collect them into chemical—waste disposal container. For large amounts : Carefully collect remainder, then remove to safe place.
Methods and Equipment for Containment and Cleaning up	: Stop leak if safe to do so.
Prevention Measures for Secondary Accidents	: Prevent flowing into ditches, drains, basements, or other closed areas. Remove thoroughly since the smooth and slippery surface will be formed on the floor.

Section 7 — HANDLING AND STORAGE
Handling

Technical Measures	: Provide ventilation system and Use necessary personal protective equipment as described in “ Section 8 ”.
Local and General Ventilation	: Provide local ventilations and full ventilation system as described in “ Section 8 ”.
Precautions for Safe Handling	: Use in a well—ventilated place. Do not get in eyes, on skin, or on clothing. Wash hands thoroughly after handling.
Prevents Handling of Incompatible Substances or Mixtures	: Refer to “ Section 10 ”.

Storage Precautionary Statements

Technical Measures	: Special technical measures are not necessary.
Incompatible Substances or Mixtures	: Refer to “ Section 10 ”.
Storage Conditions	: Store at temperature : 2—40°C Protect from sunlight. Keep container tightly closed. Avoid to freezing condition.
Material Used in Packaging/Containers	: No regulations for packaging and containers in place, but store in a closed durable container.

Section 8 — EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls	: Use in a well-ventilated place. A workplace to store or handle this substance should be provided with an eye washing station and an emergency shower station.
Protection	
Respiratory Protection	: In case of inadequate ventilation, wear respiratory protection.
Hand Protection	: Wear protective gloves.
Eye Protection	: Wear eye protection.
Skin and Body Protection	: Wear protective clothing/protective boots.
Specific Hygiene Measures	: Wash hands thoroughly after handling.

Section 9 — PHYSICAL AND CHEMICAL PROPERTIES
Physical state

Appearance	: Liquid
Color	: Pale yellow
Odor	: Slight odor
pH	: 8.3—9.5
Initial boiling point and boiling ranges	: about 100°C
Flash point	: Not flammable
Spontaneous ignition temperature	: No information available
Specific gravity (relative density)	: about 1.10 g/cm ³
Solubility	: Soluble in water
Viscosity	: 2.5—4.0 Pa·s

Section 10 — STABILITY AND REACTIVITY

Chemical stability	: Stable under normal conditions.
Possibility of hazardous reaction	: No information available.
Conditions to avoid	: No data available.
Incompatible Substances or Mixtures	: Oxidizing agents.
Hazardous decomposition products	: In combustion emits toxic gasses (CO, etc.).

Section 11 — TOXICOLOGICAL INFORMATION

Acute toxicity	
Oral	: ATE mix > 2000mg/kg Unknown ingredients : 30%
Derma	: ATE mix > 2000mg/kg Unknown ingredients : 30%
Inhalation	: Inhalation (vapors) : ATE mix > 20.0mg/l Unknown ingredients : 30%
Skin corrosion / irritation	: Result of classification wish convey hazards of the known ingredients : Not classified Unknown ingredients : 30%
Serious eye damage / eye irritation	: Result of classification wish convey hazards of the known ingredients : Not classified Unknown ingredients : 30%
Respiratory sensitization	: No data available
Skin sensitization	: No data available
Germ cell mutagenicity	: Result of classification wish convey hazards of the known ingredients : Not classified Unknown ingredients : 30%
Carcinogenicity	: Result of classification wish convey hazards of the known ingredients : Not classified Unknown ingredients : 30%
Reproductive toxicity	: No data available
Specific target organ toxicity-Single exposure	: Result of classification wish convey hazards of the known ingredients : Not classified Unknown ingredients : 30%
Specific target organ toxicity-Repeated exposure	: No data available
Aspiration hazard	: Kinematic viscosity measured at 40°C > 20.5mm ² /s

Section 12 — ECOLOGICAL INFORMATION

Acute toxicity to the aquatic environment	: Result of classification wish convey hazards of the known ingredients : Not classified Unknown ingredients : 20%
Chronic toxicity to the aquatic environment	: Result of classification wish convey hazards of the known ingredients : Not classified Unknown ingredients : 20%
Ecotoxicity	: No information available
Other adverse effects	: Contamination of the terrestrial and aquatic environments should be avoided. Dangerous for the environment if discharged into watercourses.

Section 13 – DISPOSAL CONSIDERATIONS

- Residual Waste : If you would like to dispose of this chemical, you should properly dispose of this by yourself or ask qualified specific agents dispose of this according to related legislations and local regulations. If you would like to ask the agents dispose of this chemical, you should provide sufficient information on dangerousness and hazard of this chemical.
- Contaminated Container and Packaging : Container should be recycled after cleaning or if you would like to dispose of container of this chemical, you should properly dispose of this by yourself or ask qualified specific agents dispose of this according to related legislations and local regulations. If you would like to ask the agents dispose of this container, you should provide sufficient information on dangerousness and hazard of this chemical in this container and information on ingredient and notice of container.

Section 14 – TRANSPORT INFORMATION

- International Regulations
- Regulatory Information by Sea : Not applicable
- UN No. : Not applicable
- Marine Pollutant : Not applicable
- Regulatory Information by Air : Not applicable
- UN No. : Not applicable
- Special safety measures : Please refer to “Section 7” in detail.
- Under loading, containers must be carefully handled to prevent damage of containers and must be fixed them tightly to prevent falling of containers.

Section 15 – REGULATORY INFORMATION

- Regulatory information wish regard to this substance in your country or region should be examined by your own responsibility.

Section 16 – OTHER INFORMATION

- Where to make contact : Please refer to “ Section 1 ” in detail.
- Reference : Safety data sheet for chemical products-Part1 :
Content and order of sections (JIS (JAPANESE INDUSTRIAL STANDARD) Z 7250 : 2005).
- Classification of chemicals on “Globally Harmonized System of Classification and Labeling of Chemicals(GHS)” (JIS (JAPANESE INDUSTRIAL STANDARD) Z 7252 : 2009).
- GHS Classification Guidance for Enterprises (March, 2009 : Ministry of Economy, Trade and Industry in JAPAN).
- Contaminated Container and Packaging : Container should be recycled after cleaning or if you
The list of chemicals classified of NITE (National Institute of Technology and Evaluation) in JAPAN.

NOTICE : This SDS translated the SDS which I made based on various laws and regulations of Japan into English. Therefore, it is not SDS for the circulation in the export country.