

1. PRODUCT AND COMPANY IDENTIFICATION

2. HAZARDS IDENTIFICATION

<GHS calssification>

*Regarding no describe, they are “Not classified” or “Classification not possible” or “Not applicable”

<GHS label elements>

Pictogram



Signal Word	: Warning
Hazard Statements	: Causes mild skin irritation(H316) May cause an allergic skin reaction(H317)
Precautionary Statements	
Prevention	: Avoid breathing dust/fumes/gas/mist/vapours/spray. (P261) Contaminated work clothing should not be allowed out of the workplace. (P272) Wear protective gloves/protective clothing/ eye protection / face protection. (P280)
Response	: IF ON SKIN: Gently wash with plenty of soap and water. (P302 + P352) If skin irritation or rash occurs: Get medical advice/attention (P333 + P313) Specific treatment (P321) Wash contaminated clothing before reuse (P363)
Disposal	: Dispose of contents and container in accordance with all local, regional, national and international regulation (P501)

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical characterization: Mixtures

Chemical name	CAS No.	JCSCA No.	Content wt. %
• aliphatic acid	Yes	Yes	10-20%
• interfacial active agent	Yes	Yes	5-10%
• esters solvent	Yes	Yes	50-60%
• hydrous silicate	Yes	Yes	Less than 20%

JCSCA : Japanese Chemical Substances Control Act

4. FIRST AID MEASURES

After inhalation	:	Move exposed patient to fresh air. If patient is vomiting, patient stably in side position to prevent closure of the airway. Gargle with water Get medical assistance
After skin Contact	:	Take off the clothes and Wash affected area with soap and water. Seek medical attention if irritation persists or if concerned.
After eye contact	:	Rinse or flush eye gently with water for at 5 minutes Do not wipe eye because of the possibility to cause severe damage to the eyes. Get medical attention by an eye specialist immediately.
After swallowing	:	If patient is vomiting, patient stably in side position to prevent closure of the airway. Gargle with water. Get medical assistance
Caution for doctor	:	Get immediate medical assistance and show the caution on the label attached to the container and this SDS
Protection of rescue person	:	Wear protective gloves/ protective clothing

5. FIREFIGHTING MEASURES

Extinguishing media	:	Foam, Dry chemical and carbon dioxide
Extinguishing media not to be used	:	Avoid spraying water directly
Fire extinguishing	:	Fight fire as for surrounding materials : Cool the container, package and its surround with water. Ignition : Put out the fire origin with extinguishing agent from
Advice for firefighters	:	Wear self-contained breathing apparatus and full firefighting turnout gear against the toxic gas or fume generated by fire.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	:	Wear appropriate Personal Protective Equipment (as recommended in section 8) and protect eyes or skin contacting directly. Remove the leakage from windward side. Ensure adequate ventilation until completing the removal.
Environmental precaution	:	Should not release to river, drains, sewer or waterway
Methods for cleaning up	:	Stop leakage if there is no danger. <Small leakage> Clean contaminated surface thoroughly and put into closed container <Large leakage> Absorb with a noncombustible absorbent material such as sand or earth and containerize for disposal. <Disposal> Follow proper disposal methods. Refer to Section 13.
Prevention of second disaster	:	Remove all the fire sources quickly (prohibit nearby smoking, sparks and flames).

Prohibit the access of persons other than necessary by stretching a rope around the surroundings. If spill flows out to river or public canal, inform local government immediately.

7. HANDLING AND STORAGE

Precautions for safe handling

- Technical precaution : If necessary, wear protective gloves/protective clothing/eye protection/face protection. Prevent eyes and skin from directly contacting
- Storage : Store in the place to meet the requirement from the applied regulations.
Store in a closed container. Should be locked.
Avoid storage near extreme heat, direct light, ignition sources or open flame.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- Concentration control : No data available
- Acceptable concentration : No data available
- Ventilation & Engineering Controls : General mechanical (e.g., fans) or natural ventilation is sufficient when this product is in use. Use local or general exhaust ventilation to effectively remove and prevent buildup of vapors or mist generated from the handling of this product.
Ensure appropriate decontamination equipment is available (e.g., sink, safety shower, eye-wash station).
- Protection
- Breathing apparatus : Use air supply or self-contained breathing apparatus in high volume use or in closed room
- Protection of skin : Impervious glove
- Protection of eyes : Protective glasses, goggle, face shield
- Protection of body : Impervious clothes. Depending on the case, protection boots.

9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance : Paste
- Color : Muddled grey
- Odor : No odors
- Boiling point : No data available
- pH : No data available
- Vapor pressure : No data available
- Specific gravity : No data available
- Solubility (Water) : Not soluble in water
- Ignition point : 190°C~230°C (Cleaveland open-cup)
- Explosion point : No data available
- Explosion limit : No data available
- Flammability : No data available
- Ignition quality : No data available
- Oxidation nature : No data available
- Autoreactive : No data available
- Explosive properties : No data available

10. STABILITY AND REACTIVITY

- Reactivity : none known
- Chemical stability : Stable under normal conditions
- Possible hazardous reactions : No data available
- Conditions to avoid : No data available
- Incompatible materials: : No data available
- Hazardous decomposition products : No data available

1 1. TOXICOLOGICAL INFORMATION

No data available as mixture

1 2. ECOLOGICAL INFORMATION

No data available as mixture

1 3. DISPOSAL CONSIDERATIONS

Waste disposal : Any disposal practice must be in compliance with country, local, state, and federal laws and regulations.
recommendations : If you ask someone to dispose this material, you shall inform them about the hazardousness.

Contaminated container : After contents are completely removed, dispose of its container in accordance and package : with local/regional/national/international regulation.

1 4. TRANSPORT INFORMATION

International regulation

Sea transport : Follow the regulation of IMDG
Air transport : Follow the regulation of IATA
UN-Number : Not applicable
Product Name : —
Container Grade : —

Domestic regulation

Land transportation : Follow the applicable regulation of transportation
Sea transport : Follow the applicable regulation of transportation
Air transport : Follow the applicable regulation of transportation.
Special precaution : Be sure no damage, leakage or corrosion of the container before transportation. Load to prevent from falling, dropping, breakage and shifting. Pack, label and transport in accordance with the applicable law.

1 5. REGULATORY INFORMATION

Poisonous and Deleterious : not applicable
Substances Control Law
Pollutant Release and Transfer : not applicable
Register Law
Industrial Safety and Health Act
Ordinance on Prevention of :
Hazards due to Specified : not applicable
Chemical Substances
Ordinance On Prevention of : not applicable
Organic Solvent Poisoning
Fire service Act : non-hazardous material
Foreign Exchange and Foreign : Applied to Apenndix1-16. Recommend to follow the guideline of Ministry of
Trade Act : Economy, Trade and Industry

1 6. OTHER INFORMATION

Note : The data on this date is based on general information and experience.
This data never ensures the performance of this product.