



**Other hazards which do not result in GHS classification:** None.

**3. Composition/information on ingredients**

**Mixtures**

**Composition Comments:** No hazardous ingredients.

**4. First-aid measures**

**Description of first aid measures**

<b>Inhalation:</b>	Remove person to fresh air and keep comfortable for breathing.
<b>Skin Contact:</b>	Gently wash with plenty of soap and water.
<b>Eye contact:</b>	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
<b>Ingestion:</b>	Call a POISON CENTER or doctor if you feel unwell. Rinse mouth.
<b>Personal Protection for First-aid Responders:</b>	No data available.

**Most important symptoms and effects, both acute and delayed**

<b>Symptoms:</b>	No data available.
<b>Hazards:</b>	No data available.

**Indication of immediate medical attention and special treatment needed**

<b>Treatment:</b>	Get medical attention if symptoms occur.
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**5. Fire-fighting measures**

**Suitable (and unsuitable) extinguishing media**

<b>Suitable extinguishing media:</b>	Powder, alcohol-resistant foam, water spray, carbon dioxide,sand
<b>Unsuitable extinguishing media:</b>	No data available.
<b>Special hazards arising from the substance or mixture:</b>	No data available.

### Special protective equipment and precautions for fire-fighters

<b>Special fire-fighting procedures:</b>	Keep away from sources of ignition and use appropriate extinguishing media. Fight fire from upwind position if possible. Product itself is non-combustible.
<b>Special protective equipment for fire-fighters:</b>	Use goggles in combination with dust mask, and other protections as appropriate to situation.

## 6. Accidental release measures

<b>Personal precautions, protective equipment and emergency procedures:</b>	Use goggles and protective gloves. Large spills : Remove person to safety. Ensure adequate ventilation.
<b>Accidental release measures:</b>	No data available.
<b>Methods and material for containment and cleaning up:</b>	Small spills: Absorb spills with sand, inert absorbent, waste cloth or sawdust. Then wipe up remainder in waste cloth. Large spills: Dike spills and dispose of in safe area.
<b>Environmental Precautions:</b>	Do not discharge into the drains, surface waters or ground water directly.

## 7. Handling and storage

### Handling

<b>Technical measures:</b>	Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.
<b>Local/Total ventilation:</b>	Use an adequate ventilation.
<b>Safe handling advice:</b>	Use an adequate ventilation. Wash thoroughly after handling. If needed, use personal protective equipment as required.
<b>Contact avoidance measures:</b>	No data available.

### Storage

<b>Safe storage conditions:</b>	Keep container tightly closed. Store in a well-ventilated place.
<b>Safe packaging materials:</b>	No data available.

## 8. Exposure controls/personal protection

### Control Parameters

#### Occupational Exposure Limits

None of the components have assigned exposure limits.

**Appropriate Engineering Controls:** Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use an adequate ventilation.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection:** Safety glasses  
**Hand Protection:** Rubber gloves  
**Other:** Full-body suit  
**Respiratory Protection:** Use as appropriate to situation.  
**Hygiene measures:** No data available.

<b>9. Physical and chemical properties</b>
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**Information on basic physical and chemical properties**

**Appearance**

**Physical state:** Liquid  
**Form:** Liquid  
**Color:** Pale yellow  
**Odor:** Characteristic  
**Odor Threshold:** No data available.  
**Freezing point:** < 20 °C/68 °F  
**Boiling Point:** No data available.  
**Flammability:** No data available.  
**Upper/lower limit on flammability or explosive limits**  
**Explosive limit - upper:** No data available.  
**Explosive limit - lower:** No data available.  
**Flash Point:** Not detected  
**Auto-ignition temperature:** No data available.  
**Decomposition Temperature:** No data available.  
**pH:** 9  
Method: 5% solution

**Viscosity**

**Dynamic viscosity:** No data available.  
**Kinematic viscosity:** No data available.  
**Flow Time:** No data available.

**Solubility(ies)**

**Solubility in Water:** Very Soluble  
**Solubility (other):** Insoluble in ethanol  
**Partition coefficient (n-octanol/water):** No data available.

<b>Vapor pressure:</b>	No data available.
<b>Relative density:</b>	No data available.
<b>Density:</b>	1.320 g/ml at 20 °C/68 °F
<b>Relative vapor density:</b>	No data available.
<b>Particle characteristics</b>	
<b>Particle Size:</b>	No data available.
<b>Particle Size Distribution:</b>	No data available.

<b>10. Stability and reactivity</b>
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<b>Reactivity:</b>	No data available.
<b>Chemical Stability:</b>	Stable in general.
<b>Possibility of hazardous reactions:</b>	No data available.
<b>Conditions to avoid:</b>	No data available.
<b>Incompatible Materials:</b>	No data available.
<b>Hazardous Decomposition Products:</b>	No data available.

<b>11. Toxicological information</b>
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**Acute toxicity (list all possible routes of exposure)**

<b>Oral Product:</b>	No data available. Not classified based on available data of component(s).
<b>Dermal Product:</b>	No data available. Not classified based on available data of component(s).
<b>Inhalation Product:</b>	Dust and mist: Classification not possible due to insufficient data. Vapour: No data available. Not classified based on available data of component(s).
<b>Skin Corrosion/Irritation Product:</b>	semi-occluded application test Rabbit, 24 h: Non irritant undiluted Not classified based on available data.
<b>Serious Eye Damage/Eye Irritation Product:</b>	Draize Rabbit: Non irritant undiluted Not classified based on available data.

**Respiratory or Skin Sensitization**

**Product:** Skin sensitization, GPMT Skin: (Guinea Pig): Negative  
 Skin: Not classified based on available data.  
 Respiratory: Classification not possible due to insufficient data.

**Carcinogenicity**

**Product:** Classification not possible due to insufficient data.

**IARC:**

No carcinogens present or none present in regulated quantities

**Germ Cell Mutagenicity**

**In vitro**

**Product:** Ames test (TA98, TA100): Negative  
 Not classified based on available data.

**In vivo**

**Product:** Not classified based on available data.

**Reproductive toxicity**

**Product:** No data available.  
 Not classified based on available data of component(s).

**Specific Target Organ Toxicity - Single Exposure**

**Product:** Classification not possible due to insufficient data.

**Specific Target Organ Toxicity - Repeated Exposure**

**Product:** Classification not possible due to insufficient data.

**Aspiration Hazard**

**Product:** Classification not possible due to insufficient data.

**Other effects:**

No data available.

**12. Ecological information**

**Ecotoxicity:**

**Toxicity to Aquatic Plants**

**Product:** No data available.

**Acute hazards to the aquatic environment:**

**Fish**

**Product:** LC 50 (Red Killifish, 48 h): > 2,500 mg/l  
 Not classified based on available data.

**Aquatic Invertebrates**

**Product:** Not classified based on available data.

**Chronic hazards to the aquatic environment:**

**Fish**

**Product:** No data available.  
 Not classified based on available data of component(s).

**Aquatic Invertebrates**  
**Product:** No data available.  
 Not classified based on available data of component(s).

**Persistence and Degradability:**

**Biodegradation**  
**Product:** No data available.

**BOD/COD Ratio**  
**Product:** No data available.

**Bioaccumulative potential**  
**Bioconcentration Factor (BCF)**  
**Product:** No data available.

**Partition Coefficient n-octanol / water (log Kow)**  
**Product:** No data available.

**Mobility in soil:** No data available.

**Other adverse effects:** No data available.

**13. Disposal considerations**

**Disposal methods:** Review "HANDLING AND STORAGE (Section 7)". Passed to a licensed waste contractor.

**Contaminated Packaging:** No data available.

**14. Transport information**

**IATA**  
 Not Regulated.

**IMDG**  
 Not Regulated.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**  
 Not applicable for product as supplied.

**National Regulations**

**Domestic Standard:** In compliance with domestic law.

**15. Regulatory information**

**Safety, health and environmental regulations specific for the product in question**

**Thailand. Reportable Hazardous Substances (Notification of Ministry of Industry Re: Bases respecting report of quantity of hazardous materials under Department of Industrial Works, B.E. 2547)**

Not Regulated

**Thailand. List of Hazardous Substances (Notification of Ministry of Industry Re: List of Hazardous Substances B.E. 2556, Annex: Schedules 1 - 6)**

Not Regulated

**Inventory Status:**

<b>US TSCA Inventory:</b>	On or in compliance with the inventory
<b>Canada DSL Inventory List:</b>	On or in compliance with the inventory
<b>Australia AICS:</b>	On or in compliance with the inventory
<b>Korea Existing Chemicals Inv. (KECI):</b>	Contact us for information
<b>Japan (ENCS) List:</b>	On or in compliance with the inventory
<b>Japan ISHL Listing:</b>	On or in compliance with the inventory
<b>Philippines PICCS:</b>	On or in compliance with the inventory
<b>China Inv. Existing Chemical Substances:</b>	On or in compliance with the inventory
<b>REACH (EU):</b>	Contact us for information
<b>Taiwan Chemical Substance Inventory:</b>	On or in compliance with the inventory

**16. Other information, including date of preparation or last revision**

<b>Issue Date:</b>	15.06.2021
<b>Revision Date</b>	10.06.2024
<b>Version #:</b>	2.0
<b>Source of information:</b>	No data available.
<b>Further Information:</b>	No data available.

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