

# Safety Data Sheet (SDS)

The content and format of this SDS is accordant with 29 CFR 1910.1200 (OSHA standard)

## 1. Identification

**Product details:**

**Product name:**

**Recommended use of the chemical and restrictions on use:** For research and development. Restrictions on use: Do NOT use it in an application which may contaminate food or do harm to human health.

**Manufacturer/Supplier:**

Address:

Tel.: +81

Fax: +81

Email: --

**Emergency phone number:** +81

## 2. Hazards identification

**GHS classification:**

Physical hazards: Not classified

Health hazards: Not classified

Environmental hazards: Not classified

**Signal Word:** Not applicable.

**Pictograms:** Not applicable.

**Hazard Statements:**

No relevant classification for this product.

**Precautionary Statements:**

No special requirements.

**Response Precautionary Statements:**

No special requirements.

**Storage precautionary statements:**

No special requirements.

**Disposal precautionary statements:**

No special requirements.

## 3. Composition/information on ingredients

**Product description:** substance (); mixture (√).

Ingredient (s)	CAS No.	EC No.	% by weight
A	Trade secret	Trade secret	60
B	Trade secret	Trade secret	30
C	Trade secret	Trade secret	Balance

#### 4. First aid measures

**Persons using this product should consult a physician or other medical professional if an accident involving this product results in injury. Specific first-aid measures are as follows:**

**Inhalation:** No special measures as there is no hazard for normal contact. If discomfort occurs after inhaling dust or fume from processing or thermal decomposition, remove to a place where air is fresh. Get medical advice/attention if you feel unwell.

**Skin Contact:** No special measures as there is no hazard for normal contact. Wash with plenty of soap and water.

**Eyes Contact:** No special measures as there is no hazard for normal contact. If dust or fume from processing enters eyes, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical help.

**Ingestion:** It's almost impossible to swallow this product. As for deliberate swallowing, do not induce vomiting without professional instruction, but get medical attention if discomfort occurs.

**Acute effect and delayed effect:** Acute effect: Not found. Delayed effect: Not found.

**Personal protective equipment:** Wear protective gloves/protective clothing/eye protection/face protection when necessary.

**Indication of immediate medical attention and treatment needed, if necessary:** Treat according to symptoms and exposure dose.

#### 5. Fire-fighting measures

**Extinguishing Media:** Use water fog, foam, dry chemical or CO<sub>2</sub> to extinguish.

**Unsuitable Extinguishing Media:** High volume water jet. Discharging cylinder shape water from fire hose may lead to spread fire to the surroundings.

**Special hazards arising from the chemical:** No further relevant information available.

##### **Fire Fighting Method:**

For initial fire, use dry powder, carbon dioxide, etc.

For large fire, it is effective to use fire foam, etc. to shut off air supply.

Fire-fighters must wear self-contained breathing apparatus and full protective equipment (e.g. fire-retardant clothing).

Deny unnecessary entry to the place around the fire.

Remove containers from fire area if it can be done without risk.

Cool surrounding facilities, etc. with water spray.

Extinguish fire from upwind, and the fire extinguishing method should be appropriate to the situation in the surroundings.

**Special actions for fire-fighters:** Firefighters must wear self-contained breathing apparatus and full protective equipment.

Check whether the protective equipment is in good condition before use.

#### 6. Accidental release measures

##### **Personal precautions, protective equipment and emergency procedures:**

**Personal precautions:** Use proper personal protective equipment as indicated in Section 8.

**Emergency procedures:** Due to the nature of this product, there are no special requirement.

**Environmental precautions:** Keep cleaning run-offs out of municipal sewers and open bodies of water. Comply with local and national laws and regulations.

##### **Methods and material for containment and cleaning up:**

Due to the nature of this product, there is no special measure for collection.

Collect it into a proper container for disposal.  
Avoid generating dust during collection and clean-up.

## 7. Handling and storage

### Precautions for safe handling:

Wash hands thoroughly after handling.

**Conditions for safe storage, including any incompatibilities:** Store it in a well-ventilated, cool and dry store room. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.

**Incompatible substances or mixtures:** No relevant information.

**Packing material:** Plastic and paper.

## 8. Exposure controls/personal protection

### Occupational Exposure Limits:

Ingredients	OSHA PEL-TWA	ACGIH TLV-TWA
Not applicable	Not applicable	Not applicable

**Engineering Controls:** No special requirements.

### Personal Protective Equipment (For workers):

#### Protection of Hands:

Recommend wearing protective gloves for industrial hygienic purpose.



#### Protection of Eyes:

No special requirements under normal conditions. Wear safety glasses when working in a dusty environment.

#### Respiratory Protection:

No special requirements under normal conditions. Use an approved respirator if exposure limits are exceeded or if irritation or other symptoms occur.

#### Protection of Body:

Recommend wearing general working clothing.

#### General protective and hygienic measures:

Wash hands before breaks and at the end of work.

## 9. Physical and chemical properties

General Information	
Form	Solid (Compressed)
Color	Transparency ~ White
Odor	Odourless

<b>Odor threshold</b>	No data available
<b>pH</b>	Unknown
<b>Melting point/freezing point</b>	No data available
<b>Initial boiling point and boiling range</b>	No data available
<b>Flash point</b>	Unknown
<b>Evaporation rate</b>	Not applicable
<b>Flammability (solid, gas, etc.)</b>	No data available
<b>Upper/lower flammability or explosive limits</b>	No data available
<b>Vapor pressure</b>	No data available
<b>Vapor density</b>	Not applicable
<b>Density</b>	No data available
<b>Solubility (ies)</b>	No data available
<b>Partition coefficient: n-octanol/Water</b>	No data available
<b>Auto-ignition temperature</b>	No data available
<b>Decomposition temperature</b>	No data available
<b>Viscosity</b>	Not applicable

## 10. Stability and reactivity

**Reactivity and Chemical stability:** Stable under normal temperatures and pressures.

**Possibility of hazardous reactions:** Not reactive under normal handling and storage.

**Conditions to Avoid:** Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.

**Incompatible materials:** No relevant information.

**Hazardous decomposition products:** No relevant information.

## 11. Toxicological information

### Product Toxicity Data:

<b>Ingredient (s)</b>	<b>CAS No.</b>	<b>LD<sub>50</sub>/LC<sub>50</sub> (Median lethal dose)</b>
Not applicable	Not applicable	No data available
Classification of the whole product:		Not classified

**Skin corrosion/irritation** No classification for this product.

**Serious eye damage/eye irritation** No classification for this product.

**Respiratory sensitizer** No classification for this product.

**Skin sensitizer** No classification for this product.

**Germ cell mutagenicity** No classification for this product.

**Carcinogenicity** No classification for this product.

**Reproductive Toxicity** No classification for this product.

**Specific target organ toxicity, single exposure:** No classification for this product.

**Specific target organ toxicity, repeated exposure:** No classification for this product.

**Aspiration hazard** No classification for this product.

## 12. Ecological information

**Ecotoxicity:** No data available.  
**Persistence and degradability:** No data available.  
**Bioaccumulative potential:** No data available.  
**Mobility in Soil:** No data available  
**Other adverse effects:** No relevant information.

## 13. Disposal considerations

### Waste treatment methods:

It is recommended to recycle and reuse it.  
Any disposal practice must be in compliance with country, local, state, and federal laws and regulations.  
Generally this product will not contaminate the packaging, so the packaging can be disposed of as non-hazardous waste.

## 14. Transport Information

### DOT/Air-Transportation- IATA/ICAO/Sea-Transportation-IMO/IMDG:

**UN proper shipping name:** Not applicable  
**Transport hazard class(es):** Not applicable  
**UN number:** Not applicable  
**Packing Group:** Not applicable  
**Packing Group Symbol:** Not applicable  
**Marine Pollutant (Yes/No):** No  
**EMS NO.:** Not applicable  
**Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code):** Not applicable.

### Special precautions:

Check whether the package is completed or sealed before transporting; make sure no damage of packages and prevent goods from falling down during transporting; the transport vehicle should be equipped with facilities for fire-fighting and accidental release handling; do NOT transport this product together with incompatible substances; stay away from fire and areas of high temperature during stopovers.

## 15. Regulatory information

### United States:

#### Emergency Planning and Community Right-to-Know Act (EPCRA) section 313 chemicals:

Chemical Name	CAS No.	Weight-%	SARA 313 – Threshold Values %
Not applicable	Not applicable	Not applicable	Not applicable

**40 CFR part 355 (Extremely Hazardous Substances):** Not applicable.

#### California Proposition 65 (Chemicals Known to the State to Cause Cancer or Reproductive Toxicity):

Chemical Name	CAS No.	Type of Toxicity
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Not applicable	Not applicable	Not applicable
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**Clean Water Act:**

Ingredient (s)	CWA - Reportable Quantities	CWA - Hazardous Substances	CWA - Priority Pollutants	CWA - Toxic Pollutants
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

**Toxic Substances Control Act (TSCA):**

Chemical Name	CAS No.	TSCA Inventory
Not applicable	Not applicable	Not applicable

**Carcinogenicity categories:** Not applicable.

**Other relevant laws and regulations:**

**Canada Domestic Substances List (DSL):**

Chemical Name	CAS No.	DSL
Not applicable	Not applicable	Not applicable

**Canada Non-domestic Substance List (NDSL):** Not applicable.

**Candidate List of Substances of very high concern (SVHC) according to ECHA:** Not applicable.

**REACH Regulation Annex XVII Regulation List:** Not applicable.

**REACH Regulation Annex XIV Authorization List:** Not applicable.

**Germany – WGK:** Not applicable.

**(EC) 1272/2008 Annex VI Table 3.1:**

Ingredient(s)	EC No. 1272/2008 Classification	
	CLASS. CODE	HAZARD CODE
Not applicable	Not applicable	Not applicable

**Chemical Safety Assessment:** A Chemical Safety Assessment has not been carried out.

**16. Other information**

**DISCLAIMER:**

All the information of this SDS is true and effective, and only for reference. Our company will not control the way how people use it, neither will we be responsible for any consequence. The users shall decide how to properly use the product or adopt certain production way for some special purpose. The above-mentioned precautionary measures are helpful to avoid damage to the property or life safety during the operation or use of this product.

**References:**

- GHS Annex II
- GHS SDS Instruction
- ANSI Z400.1/Z129.1-2010
- OSHA Hazard Communication Standard (HCS) 2012

**Full description of some acronyms:**

- CAS-Chemical Abstracts Service
- EINECS-European Inventory of Existing Commercial Chemical Substances

**IMO-International Maritime Organization**  
**IMDG-International Maritime Dangerous Goods**  
**IATA-International Air Transport Association**  
**ICAO-International Civil Aviation Organization**  
**TSCA-Toxic Substances Control Act**  
**OSHA-Occupational Safety and Health Administration**  
**ACGIH- American Conference of Governmental Industrial Hygienists**  
**ECHA- European Chemicals Agency**  
**NITE-CHRIP- Japan National Institute of Technology and Evaluation-Chemical Risk Information Platform**

**The Issuing date:** March 20, 2024

**SDS Version:** 1.0

\*\*\*\*\*The End\*\*\*\*\*