

SDS Version: 1.0

## Safety Data Sheet (SDS)

Prepared in accordance with Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Commission Regulation (EU) 2020/878.

### 1. Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

**Product name:**

**The unique formula identifier (UFI):** --

**Nanoforms:** Not applicable

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against: For research and development.

Restrictions on use: Do NOT use it in an application which may contaminate food or do harm to human health.

#### 1.3. Details of the supplier of the safety data sheet

Company:

Address:

TEL: +81-

FAX: +81-

Email: --

#### 1.4. Emergency telephone number

Emergency telephone number: +81-

Opening hours:

Other comments:

### 2. Hazards identification

#### 2.1. Classification of the substance or mixture:

**2.1.1. Classification according to Regulation (EC) No 1272/2008 (CLP):** No classification for this product.

**2.1.2. Additional information:** For full text of Hazard- and EU Hazard-statements: see SECTION 16.

#### 2.2. Label elements

**Labelling according to Regulation (EC) No 1272/2008 [CLP]:**

**Hazard Pictograms:** Not applicable.

**Signal Word:** 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.

### 2.3. Other hazards

**Substance meets the criteria for vPvB and PBT according to Regulation (EC) No 1907/2006, Annex XIII:** This product does not contain any substances that are assessed to be a PBT or a vPvB.

**Substance identified as having endocrine disrupting properties according to Regulation (EU) 2017/2100:** This product does not contain any substance which has been defined as having endocrine disrupting properties.

**Other hazards which do not result in classification but which may contribute to the overall hazards of the substance or mixture:** Not found.

## 3. Composition/information on ingredients

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

Ingredients/Components	CAS No.	EC No.	Index No.	REACH Registration No.	% by weight	Classification according to Regulation (EC) No 1272/2008 (CLP).	SCL/M-factor/ATE
A	Trade secret	Trade secret	--	--	60	Not classified	Not applicable
B	Trade secret	Trade secret	--	--	30	Not classified	Not applicable
C	Trade secret	Trade secret	--	--	Balance	Not classified	Not applicable

Nanoforms: It is not applicable for this product. This product is not a nanometer material and does not contain any ingredient in nanoform.

## 4. First aid measures

### 4.1. Description of first aid measures:

**General notes:** First-aid measures are generally necessary. Please show this SDS to doctors.

**Following 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.

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

**Following eye 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.

**Following 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.

**Self-protection of the first aider:** Wear protective gloves/protective clothing/eye protection/face protection when necessary.

### 4.2. Most important symptoms/effects, acute and delayed:

Acute effect: Not found.

Delayed effect: Not found.

### 4.3. Indication of any immediate medical attention and special treatment needed:

Treat according to symptoms.

## 5. Firefighting measures

### 5.1. Extinguishing Media

**Suitable 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.

### 5.2. Special hazards arising from the substance or mixture: No information available.

**Hazardous combustion products:** No information available.

### 5.3. Advice for firefighters:

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

### 6.1. Personal precautions, protective equipment and emergency procedures:

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

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

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

### 6.3. 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.

### 6.4. Reference to other sections:

For more information, please refer to Section 8 and Section 13.

## 7. Handling and storage

### 7.1. Precautions for safe handling:

Wash hands thoroughly after handling.

### 7.2. Conditions for safe storage, including any incompatibilities

**Technical measures and storage conditions:** Store in a cool, well-ventilated and dry place. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.

**Incompatible materials:** No information available.

**Packaging materials:** Plastic and paper.

**Requirements for storage rooms and vessels:** Well-ventilated and dry.

**Storage class:** Class 13 (Non-flammable solids in non-flammable package).

**Further information on storage conditions:** The storeroom should be equipped with proper facilities for accidental fire.

**7.3. Specific end use(s):** For research and development.

## 8. Exposure controls/personal protection

### 8.1. Control parameters:

Ingredients	European Union-TWA	ACGIH TLV-TWA
Not applicable	Not applicable	Not applicable

### 8.2. Exposure controls:

**8.2.1. Appropriate engineering controls:** No special requirements.

### 8.2.2. Personal protection equipment:

#### 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.

### 8.2.3 Environmental exposure controls:

Maintain levels below Community environmental protection thresholds.

## 9. Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	Solid (Compressed)
Colour	Transparency ~ White
Odour	Odourless
Odour threshold	No data available
Melting point/freezing point	No data available
Boiling point or initial boiling point and boiling range	No data available
Flammability	No data available
Flammable/Explosive Limits-Lower Vol %	No data available
Flammable/Explosive Limits-Upper Vol %	No data available

<b>Flash point</b>	Unknown
<b>Relative vapor density</b>	Not applicable
<b>Auto-ignition temperature</b>	No data available
<b>Decomposition temperature</b>	No data available
<b>pH</b>	Unknow
<b>Viscosity / dynamic</b>	Not applicable
<b>Solubility</b>	No data available
<b>Partition coefficient n-octanol/water (log value)</b>	No data available
<b>Vapour pressure</b>	No data available
<b>Specific gravity</b>	No data available
<b>Density and/or relative density</b>	No data available
<b>Particle characteristics</b>	No data available

**9.2. Other information:** Not available.

## 10. Stability and reactivity

**10.1. Reactivity:** Not reactive under normal handling and storage.

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

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

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

**10.5. Incompatible materials: Incompatible materials:** No information available.

**10.6. Hazardous decomposition products:** No information available.

## 11. Toxicological information

**11.1. Information on toxicological effects:**

**Acute toxicity:**

Ingredient (s)	CAS No.	LD <sub>50</sub> /LC <sub>50</sub> (Median lethal dose)
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.

**11.2 Information on other hazards:**

11.2.1. Endocrine disrupting properties: This product does not contain any substance which has been defined as having endocrine disrupting properties.

11.2.2. Other information: No information available.

## 12. Ecological information

**12.1. Toxicity:** No data available.

**12.2. Persistence and Degradability:** No data available.

**12.3. Bioaccumulative Potential:** No data available.

**12.4. Mobility in Soil:** No data available.

**12.5. Results of PBT and vPvB Assessment:** This product does not contain any substances that are assessed to be a PBT or a vPvB.

**12.6. Endocrine disrupting properties:** This product does not contain any substance which has been defined as having endocrine disrupting properties.

**12.7. Other adverse effects:** No information available.

**12.8. Additional information:** No information available.

## 13. Disposal considerations

**13.1. Waste treatment methods**

**13.1.1. Product / Packaging disposal:**

It is recommended to recycle and reuse it.

After contents are completely removed, dispose of its container at hazardous or special waste collection point.

**Waste codes / waste designations according to LoW**

EWC code: 07 02 13

In other countries different conditions might be valid. All national and local laws have to be considered.

**13.1.2. Waste treatment-relevant information:**

Paste a label on the container indicating the possible hazards of the waste.

**13.1.3. Sewage disposal-relevant information:**

Do not discharge waste into sewage without any treatment.

**13.1.4. Other disposal recommendations:** Any disposal practice must be in compliance with country, local, state, and federal laws and regulations.

## 14. Transport Information

**ADR and RID / Air-Transportation- IATA/ICAO/Sea-Transportation-IMO/IMDG.:**

**14.1. UN number or ID number:** Not applicable.

**14.2. UN proper shipping name:** Not applicable.

**14.3. Transport hazard class (es):** Not applicable.

**14.4. Packing group:** Not applicable.

**14.5. Assigned Pictogram:** Not applicable.

**14.6. Environmental hazards (Marine Pollutant (Yes/No)):** No.

**14.7. EMS NO.:** Not applicable.

**14.8. Special precautions for user:** 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.

**14.9. Maritime transport in bulk according to IMO instruments:** Not applicable.

## 15. Regulatory information

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture:**

**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 classified.

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

**Other relevant regulations:**

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

**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

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

Chemical Name	CAS No.	Type of Toxicity
Not applicable	Not applicable	Not applicable

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

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

**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

**Carcinogenicity categories:** Not applicable.

## 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:**

EC No.1907/2006 (REACH)

EC No. 1272/2008 (CLP)  
Commission Regulation (EU) 2020/878

**For full text of Hazard- and EU Hazard-statements:**

Not applicable	Not applicable
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**Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:**

<b>Classification according to Regulation (EC) Nr. 1272/2008</b>	<b>Classification procedure</b>
Not applicable	Not applicable

**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**

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