

**Yantai Kebaida Environmental & Technical Materials Co., Ltd**

Prepared according to Canadian WHMIS

# Safety Data Sheet (SDS)

<b>Product Name:</b>	Sand texture modular
<b>Model No.:</b>	/

Written by: Linda  
(Linda)

Inspected by: Jose  
(Jose)



**ISSUED BY: ZHONGKE SERVICES OF TESTING (SHENZHEN) CO., LTD.**

**Mar. 2021 Print**

Initial Date: Mar. 26, 2021

Revision Date: Mar. 26, 2021



# Safety Data Sheet

SDS No.: EMS.210.326.001.CST

Initial Date: Mar. 26, 2021

Version: 1.0

Product Name: Sand texture modular

Revision Date: Mar. 26, 2021

Item No.: 21A535A199

## Section 1

### Product and Company Identification

#### Product identification

Product Name:	Sand texture modular
Model No.:	/
CAS No.:	Not applicable
EC No.:	Not applicable
Molecular formula:	Not applicable

#### Relevant identified uses of the substance or mixture and uses advised against

Identified uses:	As powder coating raw materials
Uses advised against:	No special note

#### Details of the applicant, supplier

Company name:	Yantai Kebaida Environmental & Technical Materials Co., Ltd
Address:	No.20 Hefei Road ETDZ Yantai city, Shandong province, China
Post code:	/
Telephone:	+86-535-6953678
Fax:	/
E-mail:	/

#### Emergency telephone number

Emergency telephone:	+86-15065713555
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## Section 2

### Hazard Description

Hazard class and label elements of the product according to Canadian WHMIS:

#### GHS Hazard class

	Non-hazardous substance or mixture.
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## GHS label elements

Pictogram(s): None

Signal word: None

## Hazard statements

Not applicable.

## Other Hazards

None.

## Hazard description

### Physical and chemical hazards

Non-flammable, no special combustion and explosion characteristics.

### Health hazards

Inhalation: May cause respiratory discomfort.

Ingestion: Abdominal pain and vomiting.

Skin contact: Long term and repeated contact may be irritating.

Eye contact: Redness, pain, tears.

### Environmental hazards

Please refer to Section 12 of SDS.

## Section 3

### Composition/Ingredient Data

☐ Material

☒ Mixture

Component(s)	Content, %	CAS No.
Silicon dioxide	65	7631-86-9
Other additive	35	Secrecy

## Section 4

### First Aid Measures



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## Description of first aid measures

General advice:	Show this safety data sheet to the doctor in attendance. After receiving the first-aid measure required, consult a physician if necessary.
Skin contact:	Remove contaminated clothing and shoes. Wash off with mild soap and plenty of water. If skin irritation occurs or persists, consult a physician immediately.
Eyes contact:	Check for and remove any contact lenses, occasionally lifting the upper and lower eyelids. Immediately flush eyes with running water, disappear until the chemical residues so far. Provide a readily-accessible eyewash facility and quick-drench safety shower. Do not rubbing eyes with hand. If skin irritation occurs or persists, consult a physician immediately.
Inhalation:	Move exposed person to fresh air. Maintain an open airway. Keep person warm and at rest. If breathing is irregular, provide artificial respiration or oxygen by trained personnel. Get medical attention if adverse health effects persist or are severe.
Ingestion:	Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person.

## Most important acute and delayed symptoms/effects

- |   |  |
|---|--|
| 1 | The most important known symptoms and effects are described in section 2 and/or in section 11. |
|---|--|

## Immediate/special treatment

- |   |   |
|---|---|
| 1 | Continue with first aid measures. Treat symptomatically and supportively. |
| 2 | Symptoms may be delayed.  |

## Section 5 Firefighting Measures



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## Extinguishing agent

Suitable extinguishing agents:

Use dry sand, dry chemical or CO<sub>2</sub> foam extinguishing.  
Water spray can be used to cool fire exposed containers/materials.  
Use extinguishing media most appropriate for the surrounding fire.

Unsuitable extinguishing agents:

Do not use a solid water stream as it may scatter or spread fire.

## Special hazards arising from the substance or mixture

- 1 If this product is involved in a fire, the following can be released: Silicon oxide, metal oxide, etc.

## Fire precautions and measures

- 1 Firefighters must wear self-contained breathing apparatus, wear full body fire suit, fire extinguishing in the upwind.
- 2 As far as possible will be transferred to empty containers from the scene.
- 3 Keep the fire water spray containers cooling, until the end of fire.
- 4 If the containers in the fire ground have been color, must be evacuated immediately.
- 5 Isolated accident scene, prohibit access.
- 6 Receiving and processing of fire water, to prevent environmental pollution.

## Section 6

## Accidental Release Measures

### Personal precautions, protective equipment and emergency procedures

- 1 No action shall be taken involving any personal risk or without suitable training.
- 2 Keep unnecessary and unprotected personnel from entering.
- 3 Do not touch or walk through spilt material, avoid slipping.
- 4 Avoid breathing dusts.
- 5 Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate.
- 6 Put on appropriate personal protective equipment (see section 8).

### Environmental precautions

- 1 Prevent further leakage or spillage if safe to do so.
- 2 Discharge into the environment must be avoided.

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## Methods and materials for containment and cleaning up

1	Pick up and arrange disposal without creating dust. Collect mechanically. Keep in suitable, closed containers for disposal.
2	Disposal: Contaminated material must be disposed of in accordance with all State and/or Local regulations.

## Section 7 Handling and Storage

### Precautions for safe handling

1	Avoid formation of dust and aerosols.
2	Put on appropriate personal protective equipment (see section 8).
3	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed.
4	Workers should wash hands and face before eating, drinking and smoking. Avoid contact eyes. Avoid breathing dust.
5	Provide suitable exhaust equipment. Operate in a well-ventilated place.
6	Normal measures for preventive fire protection. Keep away from heat/sparks/open flames/hot surfaces.
7	Observe good housekeeping procedures and hygiene practices.
8	Provide for appropriate exhaust ventilation and dust collection at machinery.
9	Wash thoroughly after handling.
10	Persons with a history of skin sensitization problems should not be employed in any process in which this product is used.
11	Handling carefully to prevent damage the packaging and container.

### Precautions for storage

1	Store in accordance with local regulations. Stored in a dry, cool and well-ventilated area. Keep container tightly closed.
2	Keep away from sparks, open flames and high temperatures, away from incompatible materials (see section 10).
3	Keep out of reach of children and pets.

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## Section 8 Exposure Controls/Personal Protection

### Control parameters






#### Occupational Exposure limit values

Components CAS No.	Country/region	Occupational exposure limits (8h)		Occupational exposure limits (Short time)	
		ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Silicon dioxide 7631-86-9	Korea	-	10	-	-
	New Zealand	-	1	-	-
	Ireland	-	6	-	-
	Germany (AGS)	-	4	-	-
	Denmark	-	2	-	4
	Australia	-	2	-	-
Other additive	Canada-Quebec	-	10	-	-

### Engineering controls

- 1 Ensure adequate ventilation, especially in confined areas.
- 2 Ensure that eyewash stations and safety showers are close to the workstation location.

### Personal protection

General requirements:	    
Respiratory protection:	Where protection from nuisance le (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).
Eye protection:	Wear safety glasses when there is a potential for eye contact.
Skin and body protection:	Wear suitable protective clothing and boots.
Hands protection:	Wear protective gloves. Check protective gloves prior to each use for their proper condition. The selection of the suitable gloves does not only depend on the material, but

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also on further marks of quality and varies from manufacturer to manufacturer.

## Section 9

## Physical and Chemical Properties

### Information on basic physical and chemical properties

Appearance and character:	White powder solid
Odor:	Odorless
Melting point/freezing point (°C):	1750
Initial boiling point and boiling range (°C):	2230
Flash point (°C):	No data/Not applicable
Evaporation rate:	No data/Not applicable
Steam pressure (20°C):	No data/Not applicable
Relative density (water=1):	2.2~2.4
Partition coefficient: n-octanol/water:	No data/Not applicable
Decomposition temperature (°C):	No data/Not applicable
Auto ignition temperature (°C):	No data/Not applicable
pH value:	5.0~7.5
Explosion limit [% (v/v) ]:	Non explosives
Relative vapor density(air=1):	No data
Solubility:	Insoluble in water
Flammability (solid, gas):	Non-flammable
Oxidizing properties:	The substance does not belong to oxidizing substances



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## Section 10 Stability and Reactivity

### Stability and Reactivity

Stability:	The product is chemically stable.
Reactivity:	Stable under recommended storage and handling conditions.
Incompatible materials:	Strong bases, hydrofluoric acid, HF gas.
Conditions to avoid:	In contrast to the nature of the material, water, humidity, high temperature, direct sunlight and open fire.
Hazardous decomposition products:	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11 Toxicological Information

### Toxicological Information

Acute toxicity:	No data.
Skin corrosion/irritation:	According to the existing data, the product is not classified. Long term and repeated contact may cause skin irritation.
Eye corrosion/irritation:	Irritating effect possible.
Respiratory sensitization:	These products are not known to cause human respiratory sensitization.
Skin sensitization:	These products are not known to cause skin sensitization.
Germ cell mutagenicity:	According to the existing data, the product is not classified.
Carcinogenicity:	No classification data on carcinogenic properties of this material is available from the EPA, IARC, NTP, OSHA or ACGIH.
Reproductive toxicity:	According to the existing data, the product is not classified.
Specific target organ toxicity - single exposure:	According to the existing data, the product is not classified.
Specific target organ toxicity - repeated exposure:	According to the existing data, the product is not classified.
Aspiration hazard:	According to the existing data, the product is not classified.

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Additional reproductive  
toxicity hazards:

According to the existing data, the product is not classified.

## Section 12 Ecological Information

### Aquatic toxicity

Acute/Chronic aquatic  
toxicity:

This product contains no hazardous or toxic substances, and presents a negligible impact on the environment based on its reported use pattern.

### Persistence and degradability

Persistence:

No data.

### Bioaccumulative potential

Bioaccumulation:

The potential for bioaccumulation of this material in aquatic organisms is low.

### Mobility in soil

Mobility:

No data.

### Other adverse effects

1

Under environmental conditions, is not expected to have a detrimental effect on plants, animals or microorganisms. But do not allow material to be released to the environment without proper governmental permits.

## Section 13 Disposal Considerations

### Waste disposal

Residual waste:

Before disposal should refer to the relevant national and local laws and regulation.

The generation of waste should be avoided or minimized wherever possible. Recommended landfill or transfer to a suitable container and arrange for collection by specialized disposal company if recycling is not feasible.

Contaminated  
packaging:

The generation of waste should be avoided or minimized wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

Disposal considerations:

Dispose of container and unused contents in accordance with national and

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local relevant regulations laws.

## Section 14 Transport Information

### Transport rules

According to IATA DGR 62<sup>nd</sup> Edition for transportation, IMO International Maritime Dangerous Goods Code (Amendment 39-18), European Agreement Concerning the International Carriage of Dangerous Goods by Road. The products are not subject to IATA DGR, IMDG and ADR/RID.

### Label(s) required

Label(s): None

### Road transport (UN-ADR)

UN number: Not regulated

UN proper shipping name: Not regulated

Transport hazard class(es)-Main: Not regulated

Transport hazard class(es)-Sub risk: None

Packaging group: Not regulated

Special provisions: None

Hazard code: None

### Air transport (ICAO-IATA/DGR)

UN number: Not regulated

UN proper shipping name: Not regulated

Transport hazard class(es)-Main: Not regulated

Transport hazard class(es)-Sub risk: None

Packaging group: Not regulated

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Special provisions for transportation: None

ERG code: None

## Sea transport (IMDG-CODE)

UN number: Not regulated

UN proper shipping name: Not regulated

Transport hazard class(es)-Main: Not regulated

Transport hazard class(es)-Sub risk: None

Packaging group: Not regulated

Special provisions for transportation: None

Marine pollutants (Yes/No): No

EmS No.: None

## Section 15 Regulatory Information

### Regulatory information:

Reference to the local, national, US, EU, CA and international regulations.

CAS No.	TSCA	EINECS	DSL	IECSC	NZIoC	PICCS	KECI	AICS
7631-86-9	✓	✓	✓	✓	✓	✓	✓	✓

TSCA: United States Toxic Substances Control Act Inventory

EINECS: European Inventory of Existing Commercial Chemical Substances

DSL: Canadian Domestic Substances List

IECSC: China Inventory of Existing Chemical Substances

PICCS: Philippines Inventory of Chemicals and Chemical Substances

NZIoC: New Zealand Inventory of Chemicals

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KECI: Existing and Evaluated Chemical Substances

AICS: List of existing chemical substances in Australia

★Note: “√” Indicates that the substance included in the regulations  
“×” That no data or included in the regulations

## Section 16 Other Information

### Abbreviations or phrases

ACGIH: American Conference of Governmental Industrial Hygienists

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

CAS: Chemical Abstracts Service

CLP: Classification, labeling and packaging

EC: Council of Europe

ECHA: European Chemicals Agency

EINECS: European Inventory of Existing commercial Chemical Substances

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

IARC: International Agency for Research on Cancer

IATA: International Air Transport Association

RID: Regulation for rail International transportation of Dangerous goods

ICAO: International Civil Aviation Organization

IMDG: International Maritime Dangerous Goods Code

IC<sub>50</sub>: Inhibitory Concern Triton 50%

LC<sub>50</sub>: Lethal Concentration 50%

LD<sub>50</sub>: Median Lethal Dose 50%

MAPROL: International Convention for the Prevention of Pollution from Ships

REACH: REGULATION concerning the Registration, Evaluation, Authorization and Restriction of Chemicals

STEL: Short Term Exposure Limit

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TWA:	Time Weighted Average
MAC:	Maximum Allowable Concentration
OSHA:	Occupational Safety and Health Administration
NIOSH:	National Institute for Occupational Safety and Health
TLV:	Threshold Limit Value
TLV-TWA:	Threshold Limit Value-Time Weighted Average
TLV- STEL:	Threshold Limit Value-Short term Exposure Limit
PC-TWA:	Permissible Concentration-Time Weighted Average
PC-STEEL:	Permissible Concentration-Short Term Exposure Limit
PEL:	Permissible Exposure Limit
OELs:	Occupational Exposure Limits

## Reference

1	IARC
2	OECD: The Global Portal to Information on Chemical Substances
3	U.S. Department of Transportation: ERG
4	Germany GESTIS-database on hazard substance
5	CAMEO Chemicals
6	NLM: ChemIDplus
7	EPA: Integrated Risk Information System
8	IPCS: The International Chemical Safety Cards (ICSC)

## Disclaimer

1	The above information is believed to be correct but we can not guarantee the absolute universality and accuracy and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.
2	Zhongke testing ensures the objectivity and fairness of the test and fulfills the confidentiality obligations of the applicant's information. The applicant is responsible for the authenticity of the submitted samples and information. The results shown in this report relate only to the samples tested. The test results only reflect the evaluation of the sample being tested and are not used for

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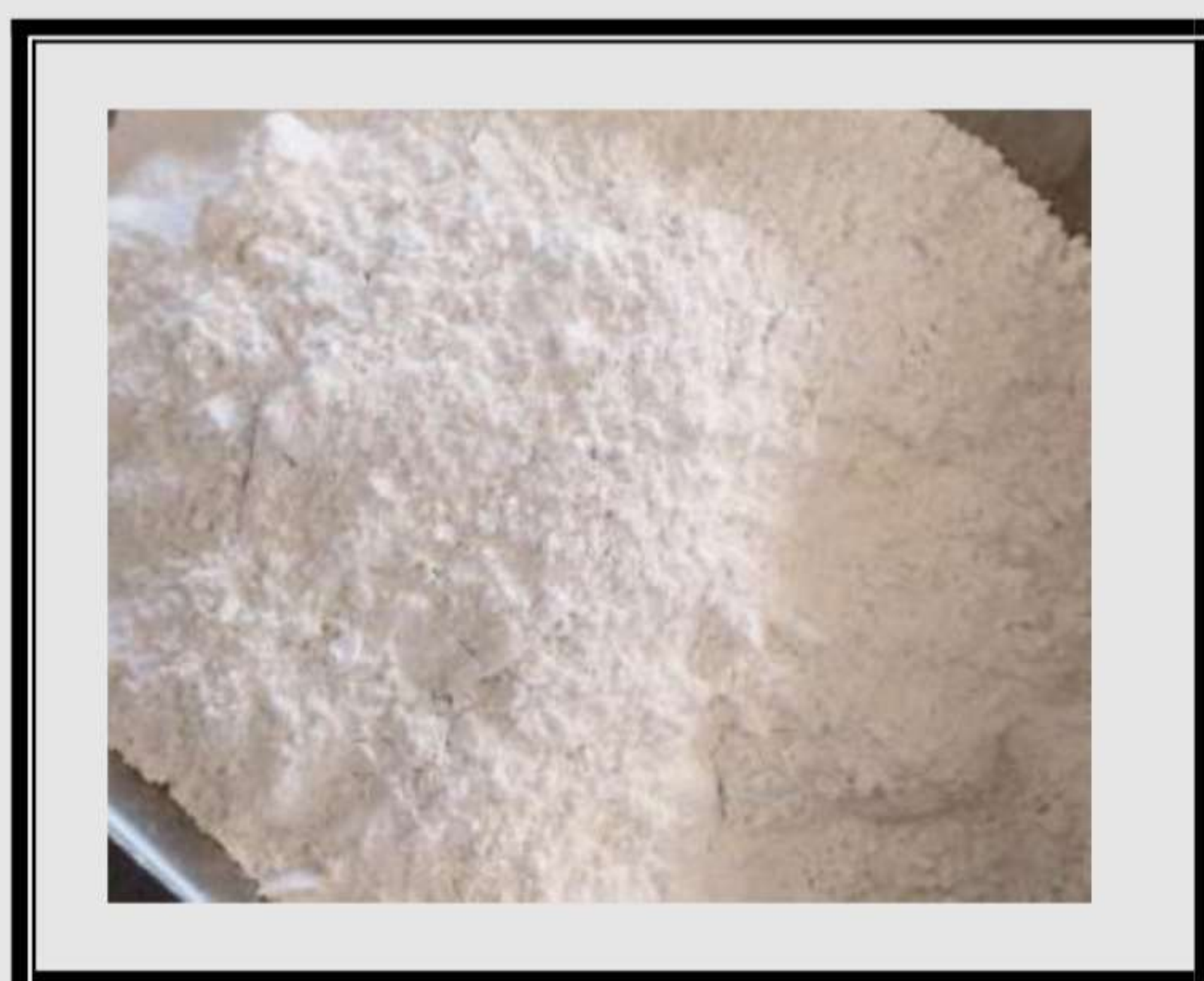
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## Product photo(s)



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