

# **Safety Data Sheet**

## **According to Regulation (EC) No 1907/2006**

Hydrxypropyl Guar

Version 1.0

Issue date: 06/06/2017

Revision date: 06/06/2017

SDS Record Number: CSSS-TCO-010-123663

### **Section 1 Identification of the substance/mixture and of the company/undertaking**

#### **1.1 Product identifier:**

Identification on the label/Trade name: Hydrxypropyl Guar

Additional identification: -

Identification of the product: CAS#39421-75-5; EC# -

Index Number: Not available

REACH registration No.: Not available

#### **1.2 Relevant identified uses of the substance and uses advised against:**

##### **1.2.1 Identified uses:**

Thickener.

##### **1.2.2 Uses advised against:**

Not available.

#### **1.3 Details of the supplier of the safety data sheet:**

Supplier(Only representative): -

Supplier(Manufacturer): Jingkun Chemistry Company

Address: NO.210,Kuntai Road, Kunshan, 215337, China

Contact person(E-mail): Chris Gu (chris@jingkun.cn)

Telephone: +86-512-57865820

Fax: +86-512-57665755

#### **1.4 Emergency telephone Number:**

+86-512-57865820

Available outside office hours? YES ☐ NO ☒

### **Section 2 Hazards Identification**

#### **2.1 Classification of the substance/mixture:**

##### **2.1.1 Classification:**

The substance is classified as following according to REGULATION (EC) No 1272/2008:

REGULATION (EC) No 1272/2008	
Hazard classes/Hazard categories	Hazard codes
N/A	N/A

For full text of H- phrases: see section 2.2.

#### **2.2 label elements:**

**Hazard Pictograms:** No hazard pictogram is used.

**Signal Word(S):** No signal word is used.

**Hazard Statement:** Not applicable.

**Precautionary statement:** Not applicable.

#### **2.3 Other hazards:**

Product name: Hydrxypropyl Guar Guarsafe® JK-303

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Not available.

### Section 3 Composition/information on ingredients

Substance/Mixture: Substance

Ingredient(s):

Chemical Name	Registration	CAS No.	EC No.	Concentration
Hydroxypropyl Guar	N/A	39421-75-5	N/A	98%

### Section 4 First aid measures

#### 4.1 Description of first aid measures:

In all cases of doubt, or when symptoms persist, seek medical attention.

##### 4.1.1 In case of inhalation:

If inhaled, remove to fresh air.

##### 4.1.2 In case of skin contact:

In case of contact, immediately wash skin with soap and water. If necessary, get medical attention.

##### 4.1.3 In case of eyes contact:

In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. If pains persists, get prompt medical attention.

##### 4.1.4 In case of ingestion:

If swallowed, immediately wash out mouth with water provided person is conscious. Get medical attention.

#### 4.2 Most important symptoms and effects, both acute and delayed:

The product is not classified as harmful to human health effect.

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

If skin irritation or rash occurs, get medical advice/attention.

### Section 5 Fire-Fighting measures

#### 5.1 Extinguishing media:

Suitable extinguishing media:

Dry chemical, Sandy soil, Carbon dioxide or appropriate foam.

Unsuitable extinguishing media:

Not available.

#### 5.2 Special hazards arising from the substance or mixture

Emit toxic fumes under fire conditions.

#### 5.3 Advice for firefighters:

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

### Section 6 Accidental release measures

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

##### 6.1.1 For non-emergency personnel:

Exercise appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust. Refer to section 8 of SDS for personal protection details.

##### 6.1.2 For emergency responders:

Wear an appropriate NIOSH/MSHA approved respirator if dust is generated.

#### 6.2 Environmental Precautions:

Do not allow material to be released to the environment without proper governmental permits.

### 6.3 Methods for Containment and Cleaning up:

Sweep up with spade, place in a dry, clean, lidded container for disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

### 6.4 Reference to other sections:

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for information on disposal.

## Section 7 Handling and storage

### 7.1 Precautions for safe handling:

#### 7.1.1 Protective measures:

Wear appropriate protective clothing and safety gloves. Avoid contact with eyes, skin. Avoid inhalation. Mechanical exhaust required. Keep away from ignition sources, heat and flame. Incompatibilities: strong oxidizing agents and foods. No smoking at working site.

#### 7.1.2 Advice on general occupational hygiene:

Do not eat, drink and smoke in work areas. Wash hands after use. Remove contaminated clothing and protective equipment before entering eating areas.

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

Store in a cool, well-ventilated area. Keep away from ignition sources, heat and flame. Store in a tightly closed container. Incompatibilities: strong oxidizing agents and foods.

### 7.3 Specific end use(s):

Not applicable.

## Section 8 Exposure Controls/Personal Protection

### 8.1 Control parameters:

#### 8.1.1 Occupational exposure limits:

Not available.

#### 8.1.2 Additional exposure limits under the conditions of use:

Not available.

#### 8.1.3 DNEL/DMEL and PNEC-Values:

Not available.

### 8.2 Exposure controls:

#### 8.2.1 Appropriate engineering controls:

Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. If user operations generate dust, fumes or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

#### 8.2.2 Individual protection measures, such as personal protective equipment:

##### Eye/face protection:

Safety goggles.

##### Hand protection:

Compatible chemical-resistant gloves.

##### Body protection:

Wear appropriate protective clothing.

##### Respiratory protection:

Government approved respirator if necessary.

##### Thermal hazards:

Wear suitable protective clothing to prevent heat.

#### 8.2.3 Environmental exposure controls:

Avoid discharge into the environment.

According to local regulations, Federal and official regulations.

## Section 9 Physical and chemical properties

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

#### Appearance:

Ivory fine powder

#### Colour:

Not available

#### Odour:

Weak odor

#### Odour threshold:

Not available

<b>pH:</b>	Not available
<b>Melting point/range (°C):</b>	>240°C (carbonization)
<b>Boiling point/range (°C):</b>	Not available
<b>Flash point (°C):</b>	Not available
<b>Evaporation rate:</b>	Not available
<b>Flammability limit - lower (%):</b>	Not available
<b>Flammability (solid, gas):</b>	Not available
<b>Ignition temperature (°C):</b>	Not available
<b>Upper/lower flammability/explosive limits:</b>	Not available
<b>Vapour pressure (20°C):</b>	Not available
<b>Vapour density:</b>	Not available
<b>Relative Density:</b>	Not available
<b>Bulk density (kg/m³):</b>	Not available
<b>Water solubility (g/l):</b>	Soluble in water
<b>n-Octanol/Water (log Po/w):</b>	Not available
<b>Auto-ignition temperature:</b>	Not available
<b>Decomposition temperature:</b>	Not available
<b>Viscosity, dynamic (mPa.s):</b>	Not available
<b>Explosive properties:</b>	Not available
<b>Oxidising properties:</b>	Not available
<b>Molecular Formula:</b>	Not available
<b>Molecular Weight:</b>	Not available

## 9.2. Other information:

<b>Fat solubility(solvent– oil to be specified) etc:</b>	Not available
<b>Surface tension:</b>	Not available
<b>Dissociation constant in water( pKa):</b>	Not available
<b>Oxidation-reduction Potential:</b>	Not available
<b>Specific gravity:</b>	Not available

## Section 10 Stability and reactivity

<b>10.1 Reactivity:</b>	The substance is stable under normal storage and handling conditions.
<b>10.2 Chemical stability:</b>	Stable at room temperature in closed containers under normal storage and handling conditions.
<b>10.3 Possibility of hazardous reactions:</b>	No dangerous reactions known.
<b>10.4 Conditions to avoid:</b>	Incompatible materials.
<b>10.5 Incompatible materials:</b>	Strong oxidizing agents and foods.
<b>10.6 Hazardous decomposition products:</b>	Carbon monoxide. Carbon dioxide.

## Section 11 Toxicological information

### 11.1 Information on toxicological effects:

#### Acute toxicity:

<b>LD50(Oral, Rat):</b>	Not available
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<b>LD50(Dermal, Rabbit):</b>	Not available
<b>LC50(Inhalation, Rat):</b>	Not available
<b>Skin corrosion/Irritation:</b>	Not classified
<b>Serious eye damage/irritation:</b>	Not classified
<b>Respiratory or skin sensitization:</b>	Not classified
<b>Germ cell mutagenicity:</b>	Not classified
<b>Carcinogenicity:</b>	Not classified
<b>Reproductive toxicity:</b>	Not classified
<b>STOT- single exposure:</b>	Not classified
<b>STOT-repeated exposure:</b>	Not classified
<b>Aspiration hazard:</b>	Not classified

## Section 12 Ecological information

### 12.1 Toxicity:

Acute toxicity		Time	Species	Method	Evaluation	Remarks
LC50	N/A	96h	Fish	OECD 203	N/A	N/A
EC50	N/A	48h	Daphnia	OECD 202	N/A	N/A
EC50	N/A	72h	Algae	OECD 201	N/A	N/A

<b>12.2 Persistence and degradability:</b>	Not available.
<b>12.3 Bioaccumulative potential:</b>	Not available.
<b>12.4 Mobility in soil:</b>	Not available.
<b>12.5 Results of PBT&amp;vPvB assessment:</b>	Not available.
<b>12.6 Other adverse effects:</b>	Not available.

## Section 13 Disposal considerations

<b>13.1 Waste treatment methods:</b>	The material should be disposed of by incineration in a chemical incinerator in compliance with national and regional requirements.
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## Section 14 Transport information

	Land transport(ADR/RID)	Sea transport (IMDG)	Air transport (ICAO/IATA)
<b>UN-Number</b>	Not regulated	Not regulated	Not regulated
<b>UN Proper shipping name</b>	Not regulated	Not regulated	Not regulated
<b>Transport hazard Class</b>	Not regulated	Not regulated	Not regulated
<b>Packaging group</b>	Not regulated	Not regulated	Not regulated
<b>Environmental hazards</b>	No	No	No
<b>Special precautions for user</b>	See section 2.2	See section 2.2	See section 2.2
<b>Transport in bulk according to Annex II of Marpol and the IBC Code</b>	Not regulated	Not regulated	Not regulated

## Section 15 Regulation information

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

Relevant information regarding authorization: Not applicable.

Relevant information regarding restriction: Not applicable.

Other EU regulations: Employment restrictions concerning young person must be observed. For use only by technically qualified individuals.

Other National regulations: Not applicable

15.2 Chemical Safety Assessment has been carried out?

YES

☐

NO

X

## Section 16 Other information

### 16.1 Indication of changes:

Version 1.0 Amended by (EU) 2015/830

### 16.2 Training instructions:

Not applicable.

### 16.3 Further information:

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.

### 16.4 Notice to reader:

Employers should use this information only as a supplement to other information gathered by them, and should make independent judgment of suitability of this information to ensure proper use and protect the health and safety of employees. This information is furnished without warranty, and any use of the product not in conformance with this Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.

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