

### **CRYSTAL TEX LTF - 07227300**

#### SECTION 1. Identification of the hazardous chemical or mixture and of the supplier or manufacturer

Name of the dangerous chemical or mixture:

Product number: 07227300

Product name: CRYSTAL TEX LTF - 07227300

Other means of identification:

Chemical family: Carbohydrate

Recommended use of the hazardous chemical or mixture, and restrictions of use:

Recommended use: food starch
Restrictions on use: Not Available

**Details of the supplier or manufacturer:** Ingredion Mexico, S.A. of C.V.

Corporate Andares Tower Paseo Blvd. Puerta de Hierro #5153, Floor 22

Col. Fracc. Plaza Andares, C.P. 45116, Zapopan, Jalisco

Telephone: +52 (33) 3884-9000 (business hours)

Phone number in case of emergency: Emergency Phone: 800-681-9531 (CHEMTREC) +1-703-741-5970

(Global CHEMTREC)

#### **SECTION 2. Identification of the hazards**

Classification of the hazardous chemical or mixture, according to the GHS:

GHS Classification: Not classified as hazardous in accordance with NOM-018-STPS-2015

Elements of signaling, including precautionary advice and precautionary pictograms:

Symbols: No hazard symbols required

Word of warning: No signal word needed.

**Indication of danger:**No Hazard Statement needed.

**Precautionary Statements:** No Precautionary Statement needed.

Other hazards that do not contribute

to the classification:

None known.

#### SECTION 3. Composition / information on the components

For substances:

Not applicable

For mixtures:



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Chemical identity of the substance	CAS number	Concentration or concentration ranges
None classified as hazardous under the GHS regulations		

#### SECTION 4. First aid

Description of first aid:

Inhalation: This material does not present a hazard if inhaled. Remove individual to

fresh air after an airborne exposure if any symptoms develop, as a

precautionary measure.

Eye contact: Remove particles by irrigating with eye wash solution or clean water,

holding the eyelids apart. If symptoms develop, obtain medical attention.

Skin contact: Wash skin with soap and water.

Ingestion: None required.

Symptoms and most important effects, acute and chronic:

Possible physical irritant from dust particles. Potential for dust explosion.

Contributes to effluent BOD. Not considered as hazardous.

Indication of the need to receive immediate medical attention and, where appropriate, special treatment:

No further first aid information is available.

#### **SECTION 5. Fire-fighting measures**

Appropriate extinguishing media:

Suitable extinguishing media: CO2, Dry Chemical, Foam, Water Fog

Unsuitable extinguishing media: None known.

Specific hazards of hazardous chemical substances or mixtures:

Minimum ignition temperature of dust cloud- approx. 390 C. Minimum explosive concentration- approx. 62 mg/l. Minimum energy to ignite cloud

by electrical spark- approx. 0.045 joules.

Hazardous combustion products: Thermal decomposition could produce carbon monoxide, carbon dioxide,

and unidentified organic compounds.

Special measures to be followed by

fire fighting groups:

Do not enter fire area without proper protection including self- contained

breathing apparatus and full protective equipment.

### SECTION 6. Measures to be taken in case of accidental spillage or accidental leakage

Personal precautions, protective

equipment and emergency

Use personal protective equipment as required.

procedures:

Precautions relating to the

environment:

Not available



#### **CRYSTAL TEX LTF - 07227300**

Methods and materials for the containment and cleaning of spills or leaks:

Normal precautions for "nuisance dust" should be observed. Avoid prolonged inhalation of dust. Sweep up or vacuum up and place in suitable container for disposal. Prohibit smoking and open flames. Avoid sparks or other sources of static electricity.

#### **SECTION 7. Handling and storage**

Precautions that must be taken to ensure safe handling:

As with all chemicals, good industrial hygiene practices should be followed

when handling this material.

Conditions of safe storage, including any incompatibility:

Conditions for safe storage: Store in a clean, dry, well ventilated warehouse away from odorous

materials.

Sensitivity to Static Electricity: Yes

No special sensitivity.

Other precautions: Avoid dispersing the powder in the air. Prevent buildup of powder on

surfaces.

Mechanical handling of the powder on inadequately grounded equipment

can result in static electrical discharges.

Materials to Avoid/Chemical

Incompatibility:

None known

### **SECTION 8. Exposure controls / personal protection**

#### **Control parameters:**

Chemical identity of the substance	Mexico - Occupational Exposure Limits - TWAs (LMPE- PPTs)	Mexico - Occupational Exposure Limits - STELs (LMPE- CTs)	Mexico - Occupational Exposure Limits - Ceilings (LMPE- Pico)	Mexico - Occupational Exposure Limits - BEIs (IBE)
No data available				

This product can produce a nuisance dust which should be maintained below a time weighted average of 10 mg/m3.

Appropriate technical controls: General.

Individual protection measures, such as personal protective equipment, PPE:

Eye and face protection: Wear safety glasses. Personal eye protection should conform to EN 166.

Skin protection: Skin protection may be required depending on product temperature. Gloves:

Gloves are recommended due to possible irritation., Gloves should

conform to EN 374.

**Respiratory Protection:** NIOSH approved dust mask. Dust masks should conform to EN 149.

Thermal hazards: Not available



#### **CRYSTAL TEX LTF - 07227300**

### **SECTION 9. Physical and chemical properties**

Appearance (physical state, color, etc.):

Pure Substance or Mixture: Mixture
Physical state: Powder
Color: White

Odor: Starch

Odor threshold: Not available Hydrogen potential, pH: Not available

**pH in (1%) Solution:** 3.5

Melting point / freezing point:

Melting point:

Freezing point:

Not available

Not available

Initial point and boiling range:

Not available

Not available

Flash point:

Not applicable

Evaporation rate:

Not applicable

Flammability (solid / gas): No Upper/lower flammability or explosive limits:

Upper limit of flammability or

explosiveness:

Not available

Lower limit of flammability or

explosiveness:

Not available

Vapor pressure: Not available Vapor density: Not available Relative density: No data available Solubility(s): Slightly soluble N-octanol / water partition coefficient: Not available Not available Spontaneous ignition temperature: **Decomposition temperature:** Not available Viscosity: Not available

Volatiles: None

Volatile Organic Chemicals (VOC): Not available

Other relevant information:

Molecular weight: Not available

### **SECTION 10. Stability and reactivity**

**Reactivity:** Not expected to be reactive.

Chemical stability: Stable



#### **CRYSTAL TEX LTF - 07227300**

Possibility of dangerous reactions: Hazardous polymerization will not occur.

Conditions to be avoided: None known Incompatible materials: None known

**Hazardous decomposition products:** This product does not undergo spontaneous decomposition. Typical

combustion products are carbon monoxide, carbon dioxide, nitrogen and

water.

#### **SECTION 11. Toxicological information**

Description of the various toxicological (health) effects and the available data used to identify those effects:

Information about the probable

income routes:

None known.

**Target Organs Potentially Affected by** 

**Exposure:** 

None known.

Symptoms related to physical,

chemical and toxicological

characteristics:

No data available

**Toxic effects:** This product is considered as being non-toxic. Use of good industrial

hygiene practices is recommended.

Immediate and delayed effects, as well as chronic effects produced by a short or long term exposure:

**Acute Toxicity:** 

Ingestion Toxicity:

Based on available data, the GHS classification criteria are not met.

Acute Toxicity - Dermal:

Based on available data, the GHS classification criteria are not met.

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Based on available data, the GHS classification criteria are not met.

**Skin Corrosion / Irritation:** Wash skin with soap and water.

Eye Damage / Irritation:

Respiratory Sensitization:

Based on available data, the GHS classification criteria are not met.

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Reproductive and Developin

**Toxicity:** 

Carcinogenicity:

There are no known adverse effects.

STOT- single exposure:

Based on available data, the GHS classification criteria are not met.

Based on available data, the GHS classification criteria are not met.

Aspiration hazard:

Based on available data, the GHS classification criteria are not met.



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#### Numerical measures of toxicity (such as estimates of acute toxicity):

Chemical identity of the substance	LD50 Oral	LD50 Dermal	LC50 Inhalation
There is no known toxicity data available for the components or the product			

Interactive effects: No data available

#### **SECTION 12. Ecotoxicological information**

**Toxicity:** Low, but has a BOD contribution.

#### **Ecological Toxicity Data:**

Chemical identity of the substance	CAS number	Aquatic LC50 Fish	Aquatic ERC50 Algae	Aquatic EC50 Crustacea
No data available				

Persistence and degradability: Readily biodegradable.

Bioaccumulation potential: Low (degrades too rapidly)

Mobility in soil:UnknownOther adverse effects:None known.

### SECTION 13. Information regarding the disposal of the products

Description of the waste and information on how to handle it safely and its disposal methods, including the disposal of contaminated containers:

Disposal should be in accordance with local, state or national legislation.

**Empty Container Warnings:** 

Empty containers may contain product residue; follow SDS and label

warnings even after they have been emptied.

#### **SECTION 14. Transport information**

DOT Classification:Not regulatedUN number:Not applicableOfficial transportation designation ofNot applicable

the United Nations:

Class (s) of transportation hazards: Not applicable
Packing group, if applicable: Not applicable
Toxic Inhalation Hazard Zone: No data available



### **CRYSTAL TEX LTF - 07227300**

Environmental risks:

Transport in bulk according to Annex

No data available

II of MARPOL 73/78 and to the IBC

Code (IBC ).:

No data available

**Special precautions for the user:** Consulte las normas IMO antes de transporte a granel por mar.

## SECTION 15. Regulatory information

Specific provisions on safety, health and the environment for hazardous chemical substances or mixture in question:

#### Mexico - Pollutant Release and Transfer Register

Chemical identity of the substance	CAS number	Reporting Emissions - Threshold Quantities	Reporting Emissions for Manufacturing, Process or Use -Threshold Quantities
No data available			

## Mexico - National Inventory of Chemical Substances (INSQ).

Chemical identity of the substance	CAS number	Mexico - National Inventory of Chemical Substances (INSQ).
No data available		

#### Montreal Protocol on Substances that Deplete the Ozone Layer

Chemical identity of the substance	CAS number	Montreal Protocol on Substances that Deplete the Ozone Layer
No data available		

#### **Stockholm Convention on Persistent Organic Pollutants**

Chemical identity of the substance	CAS number	Stockholm Convention on Persistent Organic Pollutants
No data available		

# Rotterdam Convention on the Prior Informed Consent Procedure for Certain Hazardous Chemicals and Pesticides in International Trade

Chemical identity of the substance	CAS number	Rotterdam Convention on the Prior Informed Consent Procedure for Certain Hazardous Chemicals and Pesticides in International Trade
No data available		



#### **CRYSTAL TEX LTF - 07227300**

Basel Convention on the Control of Transboundary Movements of Hazardous Wastes and their Disposal.

Chemical identity of the substance	CAS number	Basel Convention on the Control of Transboundary Movements of Hazardous Wastes and their Disposal.
No data available		

SECTION 16. Other information including those related to the preparation and updating of the safety data sheets

Date of SDS preparation or last

For product information, contact

12-20-2023

revision (mm-dd-yyyy):

Ingredion Mexico, S.A. of C.V.

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