

# 诸城东晓生物科技有限公司

ZHUCHENG DONGXIAO BIOTECHNOLOGY CO., LTD  
XINXING TOWN, ZHUCHENG, SHANDONG, CHINA

## MATERIAL SAFETY DATA SHEET (MSDS)

ORIGINAL

DATE: JUL.28,2009

CREDIT NUMBER:060/030/4831KKS

### 1. IDENTIFICATION

#### General

Product Name: MALTODEXTRIN DE 10-15

CAS NO: 9050-36-6

Other Names: BRITISH GUM, CODEXTRIN, FUNGAL AMYLASE, STARCH HYDROLYZED DEXTRIN, PYRODEXTRIN

UN NO.:N/A

Dangerous Goods Class: None Allocated

Subsidary Risk: None Allocated

Hazchem Code: N/A

Pack Group: 0

EPG: N/A

Poisons Schedule: N/A

Uses:

No data available.

#### 1.1 Physical Description / Propertles

Appearance: White or light yellow unformed powder.

Moisture : 6.0% max

Melting Point: Not available deg C

Vapour Pressure: Not available

Bulk Density: 0.30-0.38g/mg

Ash: 0.6%max

PH: 4.5-6.5

Solubility in water: 98%min



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Arsenic: 0.5mg/kg max

Lead: 0.5mg/kg max

## 1.2 Other Properties

Total bacteria: 3000/g max

Coliform: 30/100g max

Pathogen: Negative

## 1.3 Ingredients

100% Maltodextrin

## 2. HEALTH HAZARD INFORMATION

### 2.1 Health Effects – Acute

#### Swallowed

No known acute effects of this product resulting from ingestion.

#### Eye

No known acute effects of this product resulting from eye contact.

#### Skin

No known acute effects of this product resulting from skin contact.

#### Inhaled

No known acute effect of this product resulting from inhalation.

### 2.2 Health Effects- Chronic

No data available

### 2.3 First Aid

#### Swallowed

Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an Unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen

Tight clothing such as a collar, tie, belt, or waistband.

#### Eye

Check for and remove any contact lenses. In case of contact immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention.

#### Skin

In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Cold water May be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.

#### Inhaled

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get



Medical attention.

### First Aid Facilities

Ensure an eye bath & safety shower are available and ready for use.

### 2.5 Advice to Doctor

Treat symptomatically based on judgement of doctor and individual reactions of patient.

### 2.6 Toxicity Data

Maltodextrin Toxicity : LD50 Not available. LC50 Not available. Chronic effects on Humans: Not available. Acute Effects on Humans: Not available. Synergetic Products(Toxicologically)Not available. Imitancy: Draize Test: Not Available .Sensitization: Not available. Carcinogenic: This material is not known to cause cancer in animals or human Toxicity to reproductive system: Not available. Teratogenic Effects: Not available. Mutagenic Effects :Not Available. Routes of entry :Absorbed through skin. Eye contact, inhalation, ingestion.

## 3. PRECAUTIONS FOR USE

### 3.1 Exposure Standards

An exposure standard has not been established for this product, however, the following is recommended for nuisance Dusts: Dusts not otherwise classified :TWA 10 mg/m<sup>3</sup>(as inspirable dust)

### 3.2 Engineering Controls

Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below Recommended exposure limits, if user operations generate dust, fume or mist, use ventilation to keep exposure to Airborne contaminants below the exposure limit.

### 3.3 Personal Protection

Eye protection: Safety glasse. Body protection: Lab coat. Respiratory protection: Not applicable. Hand Protection: Not Applicable. Feet protection: Not applicable. Personal protection: Splash goggles. Full suit Boots. Gloves. Suggested Protective in clothing might not be sufficient. Consult a specialist BEFORE case of a large handling this product.

### 3.4 Flammability

This product is stable.

## 4. SAFE HANDLING INFORMATION

### 4.1 Storage/ Transport

Keep container tightly closed. Keep container in a cool, well-ventilated area. Avoid breathing dust. Do not ingest. Handling care generally in keeping with safe laboratory practices is recommended.

### 4.2 Packaging/ Labelling

UN No. N/A

Class None Allocated

Sub Risk None Allocated



Hazchem Code N/A

Pack Group 0

Shipping Name MALTODEXTRIN

Hazard

Safety Phrases

#### **4.3 Spills and Disposal**

##### **Spills**

Clean-up personnel should wear protective equipment.

Use appropriate tools to put the spilled solid in a convenient waste disposal container. Large spill and leak: Use a Shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the Contaminated surface and allow to evacuate through the sanitary system.

##### **Disposal**

Dispose of in accordance with all local, state and federal regulations.

#### **4.4 FIRE AND EXPLOSION HAZARD**

##### **Fire/ Explosion**

Product is non-flammable. The product is stable. Incompatible with oxidizing agents. Hazardous polymerization will not occur.

##### **Extinguishing Media**

Fire-fighters should wear full protective clothing including self-contained breathing apparatus. In case of fire use any Means suitable for extinguishing surrounding fire.

#### **5 OTHER INFORMATION**

##### **Other Information**

The product itself and its products of degradation are not toxic.

##### **5.1 Contact Points**

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