



## MATERIAL SAFETY DATA SHEET

### 1. General

ProductName: Dextrose Monohydrate

Other Names: GLUCOSE ; CORN SUGAR

Dangerous Goods Class: NoneALLOCATED

Subsidiary Risk : NoneALLOCATED

H.S. Code.: 1702.3000

Uses: Confectionery, infant foods, medicine ,brewing and wine- making , intermediate ,caramel coloring , baking and canning, source of methane by anaerobic fermentation, source of certain amino acids, eg. Lysine,by fermentation.

Contact Information:

Company: Aurora Industry Co.,Ltd.

Address: Room 7033, No.9-1, Haifu Road, Dalian Free Trade Zone, China

Tel: 0411-82288674

### 2. Physical Physical Physical

Description /Properties:

Appearance: White crystalline powder, odorless , sweet taste.

Formula:  $C_6H_{12}O_6 \cdot H_2O$

PH: 4.5-6.5(10% Solution)

Specific Gravity : 1.54(water=1)

Lower Explosion Limit: N/A

Upper Explosion Limited: N/A

### 3. Other Properties

Soluble in water, slightly soluble in alcohol. Practically insoluble in cold water.

### 4. Ingredients

#### HEALTH HAZARD INFORMATION

Chemical Entity	CAS No.	Proportions(%)
DEXTROSE MONOHYDRATE	5996-10-1	>9



## 5. Health Effects –Acute

### Swallowed:

Extremely large oral dosages may producegastrointestinal disturbances.

### Eye:

No adverse effects expected but dust may causemechanical irritation.

### Skin:

Dust may causemechanical irritation. low hazard forusual industrial handing.

### Inhaled:

No hazard expected in normal industrial use.

## 6. Health Effects – Chronic

No data available

## 7. FirstAid

### Swallowed:

If victim is conscious and alert ,give 2 – 4 cupfuls of milk or water. Seek medical attention if effects persist.

### Eye:

Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower lids .If irritation persists seek medical attention.

### Skin:

Seek medical attention if irritation develops orpersist . Flush skin with plenty of soap and water.

### Inhaled:

Remove from exposure to fresh air immediately. Seek medical attention if cough or other symptoms appear.

### FirstAid Facilities:

Ensureen eyebath and safety shower areavailableand ready foruse.

## PRECAUTIONS FOR USE

## 8. Exposure Standards

No exposure limit has been established forthis product however thefollowing fornuisance dusts is recommended:TWA10 mg/m<sup>3</sup>.



9. Engineering Controls

Ensure adequate ventilation to maintain airborne concentrations below standard.

10. FIRE

Not considered to be a fire hazard.

11. EXPLOSION

Not considered to be an explosion hazard.

12. Fire Extinguishing Media:

Use any means suitable for extinguishing surrounding fire.

13. Special Information:

Use protective clothing and breathing equipment appropriate for the surrounding fire.

14. Storage / Transport

Store in a cool, dry well-ventilated area away from incompatible. Keep in tightly closed containers and protect from moisture and humidity.

Dextrose Monohydrate Has Not Been Listed By IMO As A Dangerous Material. The Detail Of MCO Is Not Available.

15. Disposal

Dispose of in accordance with all local, State and Federal regulations at an approved waste disposal authority.

16. Other Information

MSDS Creation Date: 24/05/2020 09:39 PM

Contact points

No data available

The above information is believed to be correct but does not purport to be all inclusive 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.