

# MATERIAL SAFETY DATA SHEET

Dextrose (Glucose) Anhydrous

## SECTION 1 . Product and Company Identification

Product Name and Synonym: Dextrose (Glucose) Anhydrous  
Product Code: D2304  
Material Uses:  
Manufacturer: Science Stuff  
1104 Newport Ave  
Austin, TX 78753  
(512) 837-6020  
Entry Date : 6/3/2013  
Print Date: 6/3/2013  
24 Hour Emergency Assistance : Chemtrec 800-424-9300  
Canutec 613-996-6666

|   |   |
|---|---|
| Health:   | 0 |
| Flammability:   | 0 |
| Reactivity:   | 0 |
| Hazard Rating:<br>Least Slight Moderate High Extreme<br>0 1 2 3 4 |   |
| NA=Not Applicable NE=Not Established                              |   |

## SECTION 2 HAZARD IDENTIFICATION

Generally not hazardous in normal handling, however good laboratory practices should always be used. Avoid long term exposure to skin or by inhalation.

## SECTION 3 MIXTURE COMPONENTS

| SARA 313                 | Component                    | CAS Number   | Percent Comp. | Dimension | Exposure Limits                                  |
|--------------------------|------------------------------|--------------|---------------|-----------|--|
| <input type="checkbox"/> | Dextrose (Glucose) Anhydrous | CAS# 50-99-7 | 100%          | W/W       | TXDS: orl-rat<br>LD <sub>50</sub> : 25,800 mg/Kg |

## SECTION 4 FIRST AID MEASURES

Generally not hazardous in normal handling, however good laboratory practices should always be used. Avoid long term exposure to skin or by inhalation.

FIRST AID: SKIN: Wash exposed area with soap and water. If irritation persists, seek medical attention.

EYES: Wash eyes with plenty of water for at least 15 minutes, lifting lids occasionally. Seek Medical Aid. INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen

INGESTION: Give several glasses of milk or water. Vomiting may occur spontaneously, but it is not necessary to induce. Never give anything by mouth to an unconscious person.

## SECTION 5 FIRE FIGHTING MEASURES

Fire Extinguisher Type: Water spray, Carbon dioxide, dry chemical  
Fire / Explosion Hazards: May react violently with strong oxidizers  
Fire Fighting Procedure: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and clothing.

## SECTION 6 ACCIDENTAL RELEASE MEASURES

Dextrose (Glucose) Anhydrous

Sweep up and place in suitable (fiberboard) containers for reclamation or later disposal.

**SECTION 7 HANDLING AND STORAGE**

Store in a cool dry place. Do not get in eyes, on skin, on clothing. Wash thoroughly after handling

**SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

Respiratory Protection: Dust mask  
Ventilation  
Local Exhaust   
Mechanical   
Protective Gloves: Wear appropriate gloves to prevent skin exposure  
Eye Protection: Safety goggles  
Other Protective Equipment: Wear appropriate clothing to prevent skin exposure

**SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES**

|                      |                                |                             |                |
|----------------------|--------------------------------|-----------------------------|----------------|
| Melting Point:       | 146 Deg C                      | Percent Volatile by Volume: | 0              |
| Boiling Point:       | Information not available      | Evaporation Rate            | 0              |
| Vapor Pressure:      | Information not available      | Evaporation Standard        |                |
| Vapor Density:       | Information not available      | Auto Ignition Temp          | Not applicable |
| Solubility in Water: | 47%                            | Lower Flamm. Limit in Air   | Not applicable |
| Appearance /Odors:   | White odorless granular powder | Upper Flamm. Limit in Air   | Not applicable |
| Flash Point:         | Information not available      |                             |                |
| Specific Gravity:    | 1.544                          |                             |                |

**SECTION 10 STABILITY AND REACTIVITY INFORMATION**

Stability: Stable  
Conditions to Avoid: Incompatibilities  
Materials to Avoid: Oxidizers  
Hazardous Decomposition Products: Burning may produce toxic carbon monoxide  
Hazardous polymerization: Will Not Occur  
Conditions to Avoid: None known

**SECTION 11 Toxicological Information**

**SECTION 12 Ecological Information**

Dextrose (Glucose) Anhydrous

**SECTION 13 Disposal Considerations**

**SECTION 14 Transport Information**

DOT Classification: Not Regulated

DOT Regulations may change from time to time. Please consult the most recent D.O.T. regulations.

**SECTION 15 Regulatory Information**

**SECTION 16 Additional Information**

Incase of contact with eyes wash with plenty of water. If irritation persists, medical attention. Incase of skin contact wash with soap and water. If inhaled move to fresh air and seek medical assistance. Inhalation of dust may be irritating to upper respiratory passages. Persons with pre-existing disorders may be more susceptible. No target organs reported.

Flammability

Health

Reactivity

Revisions

NFPA

0.1

The information herein is believed to be accurate and is offered in good faith for the user's consideration and investigation. No warranty either expressed or implied is made for the completeness or accuracy of the information whether originating from the above mentioned company or not. Users of this material should satisfy themselves by independent investigation of current scientific and medical knowledge that the material can be used safely.