

## I Material & Company Identification

Product Name: **D-Glucose**

Catalog Number: **G013-1KG**

Synonyms:

Company: **Caisson Laboratories**

Address: **1740 Research Park Way, North Logan, UT 84341**

Telephone: **435.755.7615**

Fax: **435.755.7617**

Emergency Contact: **CHEMTREC 800.424.9300 (703.527.3887)**

## II Composition / Information on Ingredients

General Information:

Component:

CAS#:

% by Weight: **D-Glucose CAS #:50-99-7 100%**

## III Hazards Identification

Overview: **Not considered hazardous under normal conditions.**

Flammability:

Reactivity:

Toxicity:

## IV First Aid Measures

General Information:

Route of Exposure

Oral: **Give several glasses of water to drink to dilute. If large amounts were swallowed, seek medical advice.**

Inhalation: **If inhaled, move to fresh air. If breathing becomes difficult. Call a physician.**

Dermal: **Remove any contaminated clothing. Wash skin with soap and water. Get medical attention if irritation develops or persists.**

Eye: **In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.**

**V Fire-Fighting Measures**

General Information:

Flammable Properties

General:

Flash Point:

Ignition Temperature:

Suitable Extinguishing Media: **Use any means suitable for extinguishing surrounding fire.**

Special Protective Equipment for fire fighters: **Use protective clothing and breathing equipment appropriate for the surrounding fire.**

Additional Information:

**VI Accidental Release Measures**

General Information: **Sweep up and containerize for reclamation or disposal. Vacuuming or wet sweeping may be used to avoid dust dispersal.**

**VII Handling and Storage**

Handling:

Storage: **Keep in a tightly closed container, stored in a cool, dry, ventilated area.**

**VIII Exposure Controls / Personal Protection**

General Information:

Engineering Measures:

Personal Protective Equipment

General:

Eye Protection: **Safety glasses or goggles recommended.**

Hand Protection: **Chemical-resistant gloves recommended.**

Respiratory Protection: **Ventilate area**

Skin and Body Protection: **Wear clean body-covering clothing.**

Hygiene Measures:

**IX Physical and Chemical Properties**

General Information:

Appearance: **White crystals.**

pH:

Specific Gravity:

Melting Point: **146°C**

Boiling Point:

Flash Point:

Flammability Range:

Vapor Pressure:

**X Stability and Reactivity**

General Information: **Stable under ordinary conditions.**

Storage Stability

Temperature: **15 - 30 °C**

Light Sensitive: **False**

Incompatibles:

Hazardous Decomposition Products: **Carbon dioxide and carbon monoxide may form when heated to decomposition.**

**XI Toxicological Information**

General Information: **Oral-Rat LD50: 25,800 mg/kg**

Acute Toxicity: **Not considered hazardous under normal conditions**

Chronic Toxicity: **Mutation data cited. Reproductive effects data cited. Not listed as causing cancer by IARC, NTP, or OSHA.**

Local Effects:

Target Organs:

Carcinogenicity:

OSHA Permissible Exposure Limits:

**XII Ecological Information**

General Information:

**XIII Disposal Considerations**

General Information:

Disposal of Product: **Observe all federal, state and local environmental regulations.**

Disposal of Packaging:

**XIV Transport Information**

Proper Shipping Name: **CHEMICALS, N.O.S (NON-REGULATED)**

UN#:

Class:

Packaging Group:

Hazard Label:

**XV Regulatory Information**

General Information:

**XVI Other Information**

General Information: **The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Caisson Laboratories, Inc. shall not be held liable for any damage resulting from handling or from contact with the above product.**