MATERIAL SAFETY DATA SHEET

SECTION I NAME

24 HOUR EMERGENCY ASSISTANCE

Health 0  Fire 1  Reactivity 1

CHEMTREC 800-424-9300 Day 585-226-6177

Hazard Rating

NFPA

SECTION II INGREDIENTS OF MIXTURES

Principal Component(s) % TLV Units
Dextrose, Anhydrous 100% None established.

USE IN KEEPING WITH GOOD LABORATORY PRACTICES.

SECTION III PHYSICAL DATA

Melting Point (°F)
148°F (298°F)

Specific Gravity (H₂O = 1) 1.5

Boiling Point (°F) Decomposes.

Percent Volatile by Volume N/A

Vapor Pressure (mm Hg) Negligible as solid.

Evaporation Rate X

Vapor Density (Air=1) 6.3

Solubility in Water 90 grams per 100 mL water at 20°C.

Appearance & Odor White crystals, granular or powder; no odor.

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used) Non-flammable.

Flammable Limits in Air % by Volume Lower Upper
N/A

Extinguisher Media Carbon dioxide; dry chemical; water spray.

SPECIAL FIREFIGHTING PROCEDURES

In fire conditions, wear a NIOSH/MSHA-approved, self-contained breathing apparatus and full protective clothing.

UNUSUAL FIRE AND EXPLOSION HAZARDS

Fire or excessive heat may produce hazardous decomposition products; can react vigorously with oxidizing materials.

D.O.T. NON-REGULATED.

Approved by U.S. Department of Labor "essentially similar" to form OSHA-20

SECTION V HEALTH HAZARD DATA

Threshold Limited Value

None established by (ACGIH 2001).

Effects of Overexposure

Low hazard for usual laboratory handling. Contact may cause transient irritation. Expected to be a low ingestion hazard. Exercise appropriate procedures to minimize potential hazards. Target organs: None known.

Emergency and First Aid Procedures

INGESTION: Call physician or Poison Control Center immediately. Induce vomiting only if advised by appropriate medical personnel. Never give anything by mouth to an unconscious person. EYES: Check for and remove contact lenses. Flush thoroughly with water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get immediate medical attention. SKIN: Remove contaminated clothing. Flush thoroughly with mild soap and water. If irritation occurs, get medical attention. INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

SECTION VI REACTIVITY DATA

Stability Unstable  Conditions to Avoid Excessive temperature.

Incompatibility (Materials to Avoid) Strong oxidizers.

Hazardous Decomposition Products Combustion will produce carbon dioxide, smoke and probably emits carbon monoxide.

Hazardous Polymerization

May Occur Will Not Occur

Conditions to Avoid X

SECTION VII SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled
Sweep up and place in a suitable container for disposal. Flush spill area with soap and water.

Waste Disposal Method

Discharge, treatment, or disposal may be subject to Federal, State or Local laws. These disposal guidelines are intended for the disposal of catalog-size quantities only. Dispose of in an approved incinerator or if uncontaminated material may be disposed of in a sanitary landfill.

SECTION VIII SPECIAL PROTECTION INFORMATION

Respiration Protection

None needed in normal laboratory handling. If dusty conditions prevail, wear a NIOSH/MSHA-approved dust mask or work in ventilation hood.

Ventilation

Local Exhaust Not needed. Special No.

Mechanical (General) Not needed. Other No.

Protective Gloves

None needed.

Eye Protection Chemical safety glasses.

Other Protective Equipment Safety glasses, lab coat, eye wash station.

SECTION IX SPECIAL PRECAUTIONS

Precautions to be taken in Handling & Storing

Store in a cool, dry place away from oxidizing materials. Wash thoroughly after handling.

Other Precautions

Read label on container before using. Do not wear contact lenses when working with chemicals. For laboratory use only. Not for drug, food or household use. Keep out of reach of children.

Remove and wash contaminated clothing.

Revision No. 9 Date 01/04/07 Approved James A. Bertsch Chemical Safety Coordinator JAB

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