MATERIAL SAFETY DATA SHEET

SECTION I NAME
Product: d-Fructose

SECTION II INGREDIENTS OF MIXTURES
Principal Component(s) % by Volume
- d-Fructose 100%

SECTION III PHYSICAL DATA
Melting Point (°F) 104°C (219°F) dec.
Boiling Point (°F) Decomposes.
Vapor Pressure (mm Hg) Negligible as solid.
Vapor Density (Air=1) 6.2
Solubility in Water Freely soluble.
Appearance & Odor White crystalline powder; no odor.

SECTION IV FIRE AND EXPLOSION HAZARD DATA
Flammable Limits in Air: % by Volume
- Lower: N/A
- Upper: N/A

SECTION V HEALTH HAZARD DATA
Threshold Limited Value
- None established. TWA: 10 mg/m³ total dust, or 5 mg/m³ respirable dust. (ACGIH 2001).

SECTION VI REACTIVITY DATA
Stability: Unstable
Incompatibility (Materials to Avoid): Strong oxidizers.

SECTION VII SPILL OR LEAK PROCEDURES
Steps to be taken in case material is released or spilled
- Recover for use if not contaminated. Sweep up and place in a suitable container for proper disposal or dissolve in water and flush to sewer with copious amounts of water. Wash spill area with soap and water.

SECTION VIII SPECIAL PROTECTION INFORMATION
Respiration Protection (Specify Type) None should be needed in normal laboratory handling. If dusty conditions prevail, work in a ventilation hood or wear a NIOSH/MSHA-approved dust mask or respirator.

SECTION IX SPECIAL PRECAUTIONS
Precautions to be Taken in Handling & Storing
- Store in a cool, dry place away from strong oxidants.
- Wash thoroughly after handling.

SECTION GOD. NON-REGULATED.

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

24 HOUR EMERGENCY ASSISTANCE
CHEMTREC 800-424-9300
Day 585-226-6177
Health 0 Fire 1 Reactivity 0
NFPA HAZARD RATING
- MINIMAL
- SLIGHT
- MODERATE
- SERIOUS
- SEVERE

SECTION VIII SPECIAL PROTECTION INFORMATION
Respiration Protection (Specify Type) None should be needed in normal laboratory handling. If dusty conditions prevail, work in a ventilation hood or wear a NIOSH/MSHA-approved dust mask or respirator.

SECTION IX SPECIAL PRECAUTIONS
Precautions to be Taken in Handling & Storing
- Store in a cool, dry place away from strong oxidants.
- Wash thoroughly after handling.

Other Precautions
- Keep container tightly closed when not in use.
- 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.

D.O.T. NON-REGULATED.

The information contained herein is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. * Hazardous Materials Industrial Standards. Printed on recycled paper.