MATERIAL SAFETY DATA SHEET

SECTION I NAME

Sucrose

SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)  %  TLV Units
Sucrose  100%  See Section V.

SECTION III PHYSICAL DATA

Melting Point (°F)  185°C (365°F) dec.
Boiling Point (°F)  Decomposes.
Vapor Pressure (mm Hg)  Negligible as solid.
Vapor Density (Air=1)  Data not listed.
Solubility in Water  200 grams dissolve in 100 mL of water at 20°C.
Appearance & Odor  Colorless or white granules or crystals; no odor.

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flammable Limits in Air  % by Volume
Non-flammable.  N/A

SECTION V HEALTH HAZARD DATA

Threshold Limited Value  Nuisance Particulates for less than 7 micro meter in diameter - 10 mg/m³ (ACGIH 2001).

Effects of Overexposure  Inhalation of dust may cause irritation to upper respiratory tract. Prolonged contact may cause skin sensitization. Contact with eyes may cause transient irritation. 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
Incompatibility (Materials to Avoid)  Strong oxidizers.

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 reuse or disposal. 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 fume hood or wear NIOSH/MSHA-approved dust mask.
Ventilation  Local Exhaust Special
Protective Gloves  Not needed.
Other Protective Equipment  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  Keep container tightly closed when not in use.

Other Precautions

Remove and wash contaminated clothing.

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

Effective Date: January 1, 2007

MSDS No.: SS1020

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NFPA
HAZARD RATING
MINIMAL  SLIGHT  MODERATE  SERIOUS  SEVERE
0  1  2  3  4

HMSI

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