

Safety Data Sheet

Revision: 10/13/2010

Hazard information is provided for compliance with both the Globally Harmonized System of Classification and Labeling of Chemicals (GHS) and the UK Chemicals (Hazard Information and Packaging) (CHIP) Regulations

IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

PRODUCT NAME:
Sucrose, ACS Reagent Grade

PRODUCT CODE:
21931

SUPPLIER:

Affymetrix|USB, 26111 Miles Road, Cleveland, OH 44128 Phone: 216-765-5000
Please visit our website at www.affymetrix.com for contact information on USB product distributors within your area.

Emergency Contact:

Chemtrec (800) 424-9300
Outside USA & Canada (703) 527- 3887

HAZARDS IDENTIFICATION

GHS

This substance is not classified as dangerous according to directive EC/1272/2008.

LABEL ELEMENTS

Hazard statements
No applicable information

Precautionary statements
No applicable information

CHIP

This substance is not classified as dangerous according to directive 67/548/EEC.

R & S phrases
No applicable information.

COMPOSITION/INFORMATION ON INGREDIENTS

HAZARD

Sucrose

CAS NO.

57-50-1

EC NO:

200-334-9

%WT

~ 100%

SYNONYMS

alpha-D-Glc-(1->2)-beta-D-Fru, alpha-D-Glucopyranosyl beta -D-fructofuranoside, beta-D-Fructofuranosyl-alpha-D-glucopyranoside, D(+)-Saccharose, Sugar

FIRST-AID MEASURES

EYES: Flush with water for 15 minutes and consult a physician.

SKIN: Flush with water, then wash thoroughly with soap and water. Consult a physician.

INHALATION: Remove the victim from exposure and move to fresh air. If not breathing, give artificial respiration. Consult a physician.

INGESTION: Never give anything by mouth to an unconscious person. Do not induce vomiting without medical advice.

FIRE-FIGHTING INFORMATION

Use media suitable to extinguish the supporting or surrounding fire. Wear NIOSH (or equivalent) approved self contained breathing apparatus. For small fires only: use carbon dioxide, dry powder or foam. NFPA Rating: H=0 F=0 R=0. Flash Point = No data available.

ACCIDENTAL RELEASE MEASURES

Wear appropriate personal protective equipment and clothing including lab coat, safety glasses, gloves and NIOSH-approved respirator. Collect in a manner that does not create dust and place in a suitable waste container. Avoid contact of material with skin or eyes. Use adequate ventilation.

HANDLING AND STORAGE

Wear appropriate personal protective equipment and clothing including lab coat, safety glasses, gloves and NIOSH-approved respirator. Avoid contact of material with skin or eyes. Use adequate ventilation. Store ambient.

PERSONAL PROTECTION

Wear appropriate personal protective equipment and clothing including lab coat, safety glasses, gloves and NIOSH-approved respirator. A qualified industrial hygienist should evaluate the need for respiratory protection. Use respiratory protection approved by NIOSH (or equivalent) and appropriate to the hazard. Avoid contact of material with skin or eyes. Mechanical ventilation or local exhaust as needed to control exposure to dust, vapors or mists. Access to a safety shower and eye-wash. HMIS Ratings: H=0 F=0 R=0.

PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White crystalline
Vapor Pressure: No data available
Solubility (Water): Completely soluble
Percent Volatile: No data available
Chemical Formula: C₁₂H₂₂O₁₁

Boiling Point: No data available
Vapor Density: No data available
Specific Gravity: No data available
Evaporation Rate: No data available
Melting Point: 189-191 °C

STABILITY AND REACTIVITY

Product is stable. Avoid moisture. Avoid strong oxidizing agents. Hazardous decomposition products formed under fire conditions.-Carbon oxides

**TOXICOLOGICAL
INFORMATION**

EFFECTS OF OVEREXPOSURE:

EYES: Contact may cause irritation.

SKIN: Contact may cause skin irritation. May be harmful if absorbed through skin.

INHALATION: Contact may cause respiratory tract irritation. May be harmful if inhaled.

INGESTION: May be harmful if swallowed.

ADDITIONAL INFORMATION:

RTECS: Only select RTECS information is provided here. Please see RTECS entry for complete information.

Toxicity data: Oral Rat LD 50 = 29700 mg/kg (Minnesota-1959) Remarks: Behavioral: Somnolence (general depressed activity). Cyanosis Diarrhoea.

Definition(s): RTECS = Registry of Toxic Effects of Chemical Substances.

ECOLOGICAL INFORMATION

No data available.

DISPOSAL CONSIDERATIONS

Dispose of material in accordance with applicable local, state, and federal regulations.

**TRANSPORTATION
INFORMATION**

US DOT / IATA: No applicable information.

REGULATORY INFORMATION

RCRA - No applicable information.

SARA 302 - This material does not have an RQ or TPQ.

SARA 313 - This material is not reportable under 313.

EPA TSCA Section 8(b) - Chemical Inventory

California Proposition 65 - No applicable information.

This data sheet is based upon information believed to be reliable. The Company makes no statement or warranty as to the accuracy or completeness of the information contained herein which is offered for your consideration, investigation and verification. Any use of the information contained in this data sheet must be determined by the user to be in accordance with appropriate applicable regulations.