

IMPORTANT
MATERIAL SAFETY DATA SHEET

CHEMICAL SAFETY HAZARD INFORMATION SYSTEM
HEALTH HAZARD 0
FLAMMABILITY 1
REACTIVITY 1

READ CAREFULLY BEFORE USING CHEMICAL
OSHA requires that this form be kept on file.
Product No. SB 7691 M
Product Name DEXTROSE

SECTION I
Chemical Synonyms
Formula
C₆H₁₂O₆
D-Glucose

SECTION II
Principal Hazardous Component(s)
None

SECTION III
C.A.S. No. 50-99-7
% PEL
TLV Units

* Chemical subject to the reporting requirements of SARA Title III.
SECTION IV
Melting Point (°F) 156 - 158°C
Boiling Point (°F) N/A
Vapor Pressure (mm Hg) N/A
Vapor Density (Air=1) N/A
Solubility in Water Very

SECTION V
Specific Gravity (40-1) 1.54
Percent Volatile by Volume (%) N/A
Evaporation Rate (1) N/A

SECTION VI
Appearance & Odor White crystals, no odor.
Flash Point (Meeting Used) N/A
Extinguisher Media Use any medium suitable for extinguishing supporting fire.

SECTION VII
Flammable Limits in Air
Lower Upper

SECTION VIII
Special Firefighting Procedures
In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

SECTION IX
UNUSUAL FIRE AND EXPLOSION HAZARDS
Combustible. As with most organic solids, fire is possible at elevated temperatures or by contact with an ignition source. Fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.

D.O.T. Not Regulated
DEC 11 1995

None Established

9100

Effects of Overexposure
Acute: Essentially non-hazardous; although dusts may irritate eyes and lungs
Chronic: None Known. MAR 29 2007

Emergency and First Aid Procedures
Skin: Not expected to require first aid measures.
Eyes: Wash thoroughly with running water. Get medical advice if irritation develops.
Inhalation: Not expected to require first aid measures.
Ingestion: If swallowed, induced vomiting immediately after giving two glasses of water. Never give anything by mouth to an unconscious person. Call a physician immediately.

SECTION VI
Stability
Stable Unstable
Conditions to Avoid
None
Incompatibility (Materials to Avoid)
Strong oxidizers.

Hazardous Decomposition Products
Carbon oxides.
Hazardous Polymerization
May Occur Will Not Occur
Conditions to Avoid
None

SECTION VII
Steps to be Taken in Case Material is Released or Spilled
Remove all sources of ignition. Ventilate area of leak or spill. Clean-up personnel may require protection from inhalation of dust. Spill clean up in a manner that does not disperse dust into the air. Use non-sparking tools. Pick up for recovery or disposal and place in a container. Wash spill area thoroughly.

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 container-size quantities.
Disposal: Place in a waste receptacle or flush to drain with excess water.

SECTION VIII
Respirator Protection (Specify Type)
Dust
Ventilation
Local Exhaust
Respirator (General) X
Other
Protective gloves
Vinyl or Rubber
Eye Protection
Safety glasses
Other Protective Equipment
Lab coat

SECTION IX
Special Precaution
Precautions to be Taken in Handling & Storing
Keep container tightly closed when not in use.
Store in a cool place.
Other Precautions
Read label on container before using. Do not wear contact lenses when working with chemicals.
Conditions Aggravated/Target Organs: None Known