

SAFETY DATA SHEET



Colonial Chemical Solutions, Inc

SECTION 1 · COMPANY AND PRODUCT IDENTIFICATION

PRODUCT

Product Name: DEXTROSE
Control Number: 00161
Product Description: Monosaccharide

COMPANY IDENTIFICATION

Supplier: COLONIAL CHEMICAL SOLUTIONS, INC.
916 West Lathrop Avenue
Savannah, Georgia 31415

24 Hour Emergency Telephone: (800)-424-9300 CHEMTREC
General Information: (912) 236-1331

SECTION 2 · HAZARDS IDENTIFICATION

GHS Classification:

[Health]

Not a hazardous substance or mixture.

[Environmental]

[Physical]

GHS Label elements, including precautionary statements

Not a hazardous substance or mixture.

Pictograms NONE

Signal Word: Warning

Hazard statement(s)

Precautionary statement(s)

SECTION 3 · HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS Number	%WT
Dextrose	50-99-7	100%

SECTION 4 · FIRST AID MEASURES

Eyes: Flush eyes with water as a precaution.

Skin: Wash skin with soap and water.

Inhalation: Move exposed person to fresh air. If not breathing, provide artificial respiration.

Ingestion: Wash out mouth with water. Never give anything by mouth to an unconscious person.

SECTION 5 · FIRE FIGHTING MEASURES

Extinguishing Media: To extinguish flames use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Fire Fighting Procedures: Cool exposed containers with water spray. Wear self-contained breathing apparatus (SCBA) operated in pressure demand mode and full bunker firefighter's protective clothing.

Fire and Explosion Hazards: This material in fine powder form can explode when impacted.

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SECTION 6 · ACCIDENTAL RELEASE and DISPOSAL MEASURES

Use personal protective equipment. Avoid breathing aerosols or dust. Ensure adequate ventilation. Sweep up and shovel. Keep in suitable, closed containers for disposal. Do not let product enter drains.

SECTION 7 · STORAGE AND HANDLING

Precautions To Be Taken In Handling and Storage Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection. Keep container tightly closed in a dry and well-ventilated place.

SECTION 8 · EXPOSURE CONTROLS AND PERSONAL PROTECTION

Engineering Controls: Provide adequate ventilation or other engineering controls to keep the airborne concentrations of vapor or mists below the applicable workplace exposure limits indicated below. The level of protection and types of controls will vary depending upon potential exposure conditions.

Exposure Limits: Dextrose Contains no substances with occupational exposure limit values.

Personal Protective Equipment (PPE):

Eyes Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists or dusts..

Skin: If Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product

Clothing: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

Respirators: Where adequate ventilation is not available an approved respirator must be worn. Respirator selection, use and maintenance should be in accordance with the requirements of OSHA Respiratory Protection Standard, 29 CFR 1920.134. In confined areas, use a self-contained breathing apparatus.

SECTION 9· PHYSICAL AND CHEMICAL PROPERTIES

Flash Point: 235 °F

Autoignition Temperature: No available data

Boiling Point: decomposes

Melting Point: 302-306 °F

Vapor Pressure: No available data

Vapor Density (Air-1): No available data

Odor/Appearance: White crystalline powder with sweet odor.

Flammability Limits: No available data

Specific Gravity: 1.54

Volatile %: No available data

Evaporation Rate (BuAc=1): No available data

pH: No available data

Solubility in Water: No available data

SECTION 10 · STABILITY AND REACTIVITY

Chemical Stability: Stable under normal use and temperature conditions.

Conditions to Avoid: Dust generation.

Materials to Avoid: Strong oxidizers.

Decomposition Products: When combusted, oxides of carbon and various hydrocarbons.

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SECTION 11 - TOXICOLOGICAL INFORMATION

Signs and Symptoms of Overexposure:

Skin: Dust may cause mechanical irritation.

Eyes: Dust may cause mechanical irritation.

Inhalation: May cause respiratory tract irritation.

Ingestion: May cause irritation of the digestive tract.

Acute oral toxicity:

LD50 rat: 25,800 mg/kg.

Acute inhalation toxicity:

No available data

Acute dermal toxicity:

No available data

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity: No published data available.

Bio-accumulative potential: No published data available.

Mobility: No published data available.

SECTION 13 - DISPOSAL CONSIDERATIONS

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

SECTION 14 - TRANSPORTATION

U.S. DEPARTMENT OF TRANSPORTATION (Road or Rail):

Proper Shipping Name: Not a DOT Regulated Material

Hazard Class:

UN Number:

Packaging Group:

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SECTION 15 - REGULATORY INFORMATION

US FEDERAL REGULATIONS

Comprehensive Environmental Response and Liability Act (CERCLA)

This material is not subject to any special reporting under the requirements of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA).

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302. The reportable quantity (RQ) for this material has no published data.

Toxic Substance Control Act (TSCA): All components of this product are listed on the TSCA inventory list.

SARA Section 311/312 (40 CFR 370) Hazard Categories:

No SARA Hazards

SARA Section 313 (40 CFR 372) Hazard Categories:

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

Clean Water Act: None of the chemicals in this product are listed as Hazardous Substances under the CWA.

Clean Air Act: None of the chemicals in this product are listed as Hazardous Substances under the CAA.

California Prop 65: This product contains no chemicals known by the State of California to cause cancer, birth defects or other reproductive harm.

SECTION 16 - OTHER INFORMATION

MSDS Revision Date: November 2014

National Fire Protection Association (NFPA) Ratings: This information is intended solely for the use of individuals trained in the NFPA system.

Health: 0

Flammability: 0

Reactivity: 0

The information above is believed to be accurate and represents the best information currently available to us. However, Colonial Chemical Solutions makes no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall Colonial be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Colonial has been advised of the possibility of such damages. The vendor assumes no responsibility for injury or damages resulting from the inappropriate alteration or manipulation of this MSDS and its contents from that originally submitted by Colonial.