

Section 1: Identification

Common Name/Trade Name	LACTOSE MONO SPRAY DRIED	
Supplier Information	Letco Medical, LLC 1316 Commerce Drive NW Decatur, AL 35601 1 (800) 239-5288 +1 (734) 843-4693	IN CASE OF EMERGENCY: Chemtrec 1 (800) 424-9300 (24 hours)
Product Synonym(s)	Milk Sugar	
Relevant Use(s) of Product	Manufacture or Compounding of Substances	

Section 2: Hazards Identification

Classification of Substance or Mixture	Combustible Dust
Signal Word	None
Hazard Statement(s)	N/A
Pictogram(s)	N/A
Precautionary Statement(s)	N/A
Hazards Not Otherwise Classified	May form explosible dust-air mixture if dispersed
Ingredient(s) with Unknown Toxicity	No data available

Section 3: Composition/Information on Ingredients

Chemical Name	Lactose, monohydrate
Common Name	Lactose Monohydrate, NF Spray Dried
CAS Number	64044-51-5
Impurities and/or Stabilizing Additives	No data available

Section 4: First Aid Measures

General Advice	If medical advice is needed, have product container or label at hand.
If Inhaled	If inhaled, remove to fresh air and keep at rest in a position comfortable for breathing. If not breathing, give artificial respiration. Obtain medical attention if breathing difficulties persists.
In Case of Skin Contact	Rinse with plenty of water.
In Case of Eye Contact	Rinse with water while holding eyelids open. If eye irritant persists: Get medical advice and attention.
If Swallowed	Do not induce vomiting. Seek medical attention if a large amount is swallowed.
Most Important Symptoms and Effects	Prolonged contact with large amounts of dust may cause mechanical irritation. Symptoms/injuries after inhalation: None under normal use. Over exposure may be irritating to the respiratory system. Symptoms/injuries after skin contact: None under normal use. Prolonged contact with large amount of dust may cause mechanical irritation. Symptoms/injuries after eye contact: None under normal use. Prolonged contact with large amount of dust may cause mechanical irritation. Symptoms/injuries after ingestion: None under normal use. Chronic symptoms: Prolonged inhalation of dust may cause respiratory irritation.

Section 5: Fire Fighting Measures

Suitable Extinguishing Media	Not considered flammable but will burn at high temperatures. Use extinguishing media appropriate for surrounding fire.
Special Hazards Arising From the Substance/Mixture	Fire Hazard: Combustible Dust. Dust explosion hazard in air. Explosion Hazard: Dust clouds can be explosive. Avoid dust clouds in combination with static electricity. Reactivity : Stable at ambient temperature and under normal conditions of use.
Special PPE and/or Precautions for Firefighters	Do not breathe fumes from fires or vapours from decomposition. Use normal individual protective equipment.

Section 6: Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures	Handle in accordance with good industrial hygiene and safety practice. Good housekeeping is needed during storage, transfer, handling, and use of this material to avoid excessive dust accumulation.
Methods and Materials Used for Containment	Contain and collect as any solid. Ventilate area.
Cleanup Procedures	Collect as any solid. If possible, stop flow of product. Contain and collect as any solid. Ventilate area. Avoid generation of dust during clean-up of spills.

Section 7: Handling and Storage

Precautions for Safe Handling	Handle in accordance with good industrial hygiene and safety procedures. Good housekeeping is needed during storage, transfer, handling, and use of this material to avoid excessive dust accumulation. Take precautionary measures against static discharge.
Conditions for Safe Storage	Protect from moisture. Store in a dry, cool place. Keep container tightly closed.

Section 8: Exposure Controls/Personal Protection

Components with Workplace Control Parameters	No additional information available.
Appropriate Engineering Controls	Avoid dust production. Ensure adequate ventilation, especially in confined areas. Take precautionary measures against static discharges.
PPE - Eye/Face Protection	Safety glasses. Ensure adequate ventilation, especially in confined areas. Emergency eye fountains should be available in the immediate vicinity of any potential exposure.
PPE - Skin Protection	Wear suitable protective clothing.
PPE - Body Protection	Wear suitable protective clothing.
PPE - Respiratory Protection	Not required for normal conditions of use. In case of inadequate ventilation wear respiratory protection.

Section 9: Physical and Chemical Properties

Appearance	Form: Solid, Powder Colour: White
Upper/Lower Flammability or Explosive Limits	No data available
Odor	No data available
Vapor Pressure	No data available
Odor Threshold	No data available
Vapor Density	No data available
pH	Slightly acidic. Concentration of pH solution: 10%
Relative Density	No data available
Melting Point/Freezing Point	202 C (396F)
Solubility	Soluble. Water 21.6 g/100ml at 25C (77F)
Initial Boiling Point and Boiling Range	No data available
Flash Point	No data available
Evaporation Rate	No data available
Flammability (Solid, Gas)	No data available
Partition Coefficient	No data available
Auto-Ignition Temperature	Self ignition temperature: 360 - 470C (680F-878F)
Decomposition Temperature	No data available
Viscosity	No data available

Section 10: Stability and Reactivity

Reactivity	Stable at ambient temperature and under normal conditions of use.
Chemical Stability	Stable at standard temperature and pressure.
Possibility of Hazardous Reactions	Hazardous polymerization will not occur.
Conditions to Avoid	Use good housekeeping practices during storage, transfer, handling, to avoid excessive dust accumulation.
Incompatible Materials	No data available
Hazardous Decomposition Products	Under conditions of fire this material may produce: Carbon dioxide. Carbon monoxide.

Section 11: Toxicological Information

Acute Toxicity - LD50 Oral	Not classified.
Acute Toxicity - Inhalation	Not classified.
Acute Toxicity - Dermal	Not classified.
Acute Toxicity - Eye	Not classified.
Skin Corrosion/Irritation	Not classified.
Serious Eye Damage/Irritation	Not classified.
Respiratory or Skin Sensitization	Not classified.
Germ Cell Mutagenicity	Not classified.
Carcinogenicity IARC	Not classified.
Carcinogenicity ACGIH	Not classified.
Carcinogenicity NTP	Not classified.
Carcinogenicity OSHA	Not classified.
Reproductive Toxicity	Not classified.
Specific Target Organ Toxicity - Single Exposure	Not classified.
Specific Target Organ Toxicity - Repeated Exposure	Not classified.
Aspiration Hazard	Not classified.

Section 12: Ecological Information

Toxicity	No data available
Persistence and Degradability	Product is biodegradable.
Bio-accumulative Potential	No data available
Mobility in Soil	No data available
Other Adverse Effects	No data available

Section 13: Disposal Considerations

Waste Treatment Methods Product	Do not dispose of waste into sewer.
Waste Treatment Methods Packaging	Dispose of waste material in accordance with all local, regional, national, and international regulations.
Special Precautions Landfill or Incinerations	No data available
Other Information	No data available

Section 14: Transport Information

UN Number	Not dangerous goods
UN Proper Shipping Name	N/A
Transport Hazard Class(es)	N/A
Packaging Group	N/A
Environmental Hazards	N/A

Section 15: Regulatory Information

US Federal regulations The Product is intended for human consumption and therefore is subject to substantial regulatory oversight by the United States, including but not limited to the Federal Food, Drug, and Cosmetic Act and the Food Safety Modernization Act. EU Regulations Contains no REACH Annex XVII restrictions or REACH candidate substances This substance is for consumption and as such, is exempt from REACH registration requirements Chemical Safety Assessment : Not applicable National regulations The Product is intended for human consumption and therefore is usually subject to regulatory oversight by any nation to which it is exported. US State Regulations The Product is intended for human consumption and therefore is subject to regulatory oversight by the states, including but not limited to the Wisconsin Food Code.

Section 16: Other Information

Additional Information	N/A
Prepared By	Scarlotte Smith
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