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**SECTION 1: IDENTIFICATION**

**Effective Date:** 12/17/96

**Product Name:** Lactose anhydrous

**Chemical Formula:** C12H22O11

**Chemical Name:** beta-d-galactopyranosyl-o-4 d glucopyranose

**CAS No.:** 63-42-3

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**SECTION 2: HAZARDOUS INGREDIENTS:**

Slightly dangerous to dangerous in case of ingestion. Very slightly to slightly dangerous in case of skin contact (irritant, permeator), of eye contact (irritant), of inhalation.

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**SECTION 3: PHYSICAL DATA**

Appearance and Odor:	solid
Boiling point:(760 mmHg)	decomposes
Vapor Pressure (mmHg):	n/a
Specific Gravity (Water = 1):	1.525
Solubility in water:(by weight)	n/a
Melting Point:	202°C (395.6°F)
Vapor Density:	n/a

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**SECTION 4: FIRE AND EXPLOSION DATA**

Flash point:	n/a
Flammability	combustible
Auto Ignition temperature	470°C (878°F)
Flammable limit:	n/a
Extinguishing Media:	Dry chemicals, CO <sub>2</sub> , water spray, foam
Unusual Fire and Explosion Hazards:	none

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**SECTION 5: REACTIVITY DATA**

Stable  Unstable

<b>Conditions to Avoid:</b>	non-corrosive in presence of glass
<b>Incompatibilities:</b>	n/a
<b>Hazardous Decomposition or byproducts:</b>	Products of combustion are carbon oxides
<b>Hazardous Polymerization:</b>	no

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**SECTION 6: HEALTH HAZARD DATA**

<b>Threshold Limit Value (TLV):</b>	n/a
<b>Route of Entry</b>	ingestion
<b>Toxicity:Oral LD50 (rat):</b>	n/a

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**SECTION 7: SPILLAGE AND DISPOSAL PROCEDURES**

**First Aid:**

<b>Eyes:</b>	Check for and remove contact lenses. Do not use eye ointment. Seek medical attention.
<b>Skin:</b>	Remove contaminated clothes. Place victim under deluge shower. Wash contaminated skin with running water and non-abrasive soap. Cover irritated skin with emollient
<b>Inhalation:</b>	Allow victime to rest in well ventiated area. Seek medical attention.
<b>Ingestion:</b>	Remove any dentures. Have conscious person drink several glasses of water or milk. Induce vomiting. Seek medical attention.

**Spillage & Disposal:** Use appropriate tools to put spilled solid in convenient waste disposal container. Finish cleaning by spreading water on contaminated surface and dispose of according to laocl regional authority requirements.

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**SECTION 8: PRECAUTION TO BE TAKEN IN HANDLING AND STORING**

**Other Precautions:** Because material is combustible, keep away from heat, sources of ignition, and strong oxidizing agents. Keep container dry and in cool place. Ground all equipment containing material. Do not breathe dust.

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**SECTION 9: SPECIAL PROTECTION INFORMATION**

**Ventilation:** Use process enclosure, local exhaust, or other engineering controls to keep under exposure limits.

**Eye Protection:** Safety glasses

**Protective Gloves:** If large spill occurs

**Respiratory Protection:**

**Other Protective Gear:** Lab coat

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**SECTION 10: TRANSPORT INFORMATION**

**DOT classification:** Not a DOT controlled material