

D-MANNITOL

SECTION 1: CHEMICAL PRODUCT IDENTIFICATION

Product Name: D-MANNITOL
Product Code: CM 23122
CAS#: 69-65-8
CI#: Not available
Synonym: Mannite
Chemical Name: Not available
Chemical Formula: C₆H₁₄O₆

SECTION 2: COMPOSITION AND INFORMATION ON INGREDIENTS

Synonyms: Mannite
Formula: C₆H₁₄O₆
Molecular weight: 182,17 g/mol
CAS-No. : 69-65-8

SECTION 3: HAZARDS IDENTIFICATION

Classification of the substance or mixture
Classification according to Regulation (EC) No 1272/2008 :not a hazards substance or mixture
Classification according to EU Directives 67/548/EEC or 1999/45/EC not a hazards substance or mixture

SECTION 4: FIRST AID MEASURES

Description of first aid measures
General advice Consult a physician. Show this safety data sheet to the doctor in attendance.
If inhaled If breathed in. Move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
In case of skin contact Wash off with soap and plenty of water. Consult a physician.
In case of eye contact Flush eyes with water as a precaution.
If swallowed Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
Most important symptoms and effects, both acute and delay No data available
Indication of any immediate medical attention and special treatment needed no data available

SECTION 5: FIRE AND EXPLOSION DATA

Extinguishing media
Suitable extinguishing media Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. Special hazards arising from the substance or mixture Carbon oxides
Advice for firefighters Wear self contained breathing apparatus for fire fighting if necessary.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Avoid breathing dust.
Environmental precautions Do not let product enter drains.
Methods and materials for containment and cleaning up Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers.



SECTION 7: HANDLING AND STORAGE

Precautions for safe handling Avoid contact with skin and eyes. Avoid formation of dust and aerosols.
 Provide appropriate exhaust ventilation at places where dust is formed.
 Conditions for safe storage, including any incompatibilities Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Storage class (TRGS 510): Non Combustible Solids
 Specific end use(s) A part from the uses no other specific uses are stipulated

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure controls

Appropriate engineering controls Handle in accordance with good industrial hygiene and safety practice.
 Wash hands before breaks and at the end of workday.

Personal protective equipment

Eye/face protection Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body Protection Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection For nuisance exposures use type P95 (US) or type P1 (EU EN 143) particle respirator. For higher level protection use type OV/AG/P99 (US) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure Do not let product enter drains.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance Form	:White free flowing powder
Colour	:Not available
Odour	:Not available
Odour Threshold	:Not available
pH	:Not available
Melting point/freezingpoint	:Not available
Initial boiling point and boiling range	:Not available
Flash point	:Not available
Evaporation rate	:Not available
Flammability (solid, gas)	:Not available
Upper/lower flammability or explosive limits	:Not available
Vapour pressure	:Not available
Vapour density	:Not available
Relative density	:Not available
Water solubility	:Soluble in water
Partition coefficient	:Not available
Auto-ignition temperature	:Not available

SECTION 10: STABILITY AND REACTIVITY DATA

Reactivity: no data available

Chemical stability: Stable under recommended storage conditions.

Possibility of hazardous reactions: no data available

Conditions to avoid: Exposure to light may affect product quality.



Incompatible materials: Strong oxidizing agents
Hazardous decomposition products
Other decomposition products: - no data available

SECTION 11: TOXICOLOGICAL INFORMATION

Information on toxicological effects Acute toxicity: LD50 Oral - Rat - 13.500 mg/kg
Inhalation: no data available
Dermal: no data available
Skin corrosion/irritation: no data available
Serious eye damage/eye irritation: no data available
Respiratory or skin sensitization: no data available
Carcinogenicity :
IARC: No component of this product present at levels greater than or equal to 0.1% is identified as

SECTION 12: ECOLOGICAL INFORMATION

Toxicity: no data available
Persistence and degradability: no data available
Bioaccumulative potential: no data available
Mobility in soil no data available
Results of PBT and vPvB assessment PBT/vPvB assessment: no data available
Other adverse affects: no data available

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods: Product Offer surplus and non-recyclable solutions to a licensed disposal company. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.
Contaminated packaging: Dispose of as unused product.

SECTION 14: TRANSPORT INFORMATION

UN number		
ADR/RID:	IMDG: -	IATA: -
Transport hazard class(es)		
ADR/RID:	IMDG: -	IATA: -
Packaging group		
ADR/RID:	IMDG: -	IATA: -
Environmental hazards		
ADR/RID: no	IMDG: - marine pollutant no.	IATA: -no

SECTION 15: OTHER REGULATORY INFORMATION

Regulatory information This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.
Safety, health and environmental regulations/legislation specific for the substance or mixture: No data available
Chemical Safety Assessment For this product a chemical safety assessment was not carried out



SECTION 16: OTHER INFORMATION

References: Full text of H AND R-Statements.

Not Applicable

Other Special Considerations: Not available

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