

MATERIAL SAFETY DATA SHEET

For R&D use only. Not for drug, household or other uses.

Click <http://www.lookchem.com/cas-69/69-65-8.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
69-65-8
Code:
M

RTECS:
OP2060000
Code:
M

Name:
MANNITOL, D-;(D-MANNITOL, A.C.S. REAGENT)

Other REC Limits:
N/K

OSHA PEL:
NOT APPLICABLE
Code:
M

OSHA STEL:

Code:

ACGIH TLV:
NOT APPLICABLE
Code:
M

ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
USE NIOSH/MSHA APPROVED SCBA.

Ventilation:
PROVIDE ADEQUATE GENERAL AND LOCAL EXHAUST VENTILATON.

Protective Gloves:
IMPERVIOUS GLOVES (FP N).

Eye Protection:
CHEMICAL WORKERS GOGGLES (FP N).

Other Protective Equipment:
Equipment NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices:
NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health:
HNDLG/STOR PREC: MAY BE HAZARDOUS DUE TO RETAINED RESIDUE.

Health Hazards Data

LD50LC50Mixture:
LD50:ORAL(RAT)17 GM/KG

Route Of Entry Inds - Inhalation:
YES

Skin:
NO

Ingestion:
YES

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
TOXICITY CONSIDERED VERY LOW. EXPOSURE TOXICITY DATA NOT AVAILABLE. INGESTION MAY CAUSE GI IRRITATION.

Explanation Of Carcinogenicity:
NOT RELEVANT.

Signs And Symptoms Of Overexposure:
SEE HEALTH HAZARDS.

Medical Cond Aggravated By Exposure:
NONE SPECIFIED BY MANUFACTURER.

First Aid:
EYES: FLUSH WITH WATER FOR AT LEAST 15 MIN; GET IMMED MED ASSISTANCE. SKIN: REMOVE CONTAMINATED CLOTHING AND WASH WITH SOAP AND WATER. INHAL: MOVE TO FRESH AIR & GIVE ARTF RESP IF BREATHING HAS SPE D. INGEST: GET MED ATTN. GET MED ASSISTANCE FOR ALL CASES OF OVEREXPOSURE.

Spill Release Procedures:
ABSORB WITH SAND OR VERMICULITE AND SCOOP UP AND CONTAINERIZE FOR PROPER DISPOSAL.

Neutralizing Agent:
NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods:
COMPLY WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS.

Handling And Storage Precautions:
KEEP CONTR TIGHTLY CLSD. STORE IN COOL/DRY/ WELL VENTD AREA. KEEP AWAY FROM IGNIT SOURCE, ACIDS/OXIDIZERS. WASH THORO AFTER HNDLG. EMPTY CONTR (SUPDAT

Other Precautions:
DO NOT GET IN EYES, ON SKIN OR CLOTHING. DO NOT BREATHE VAPORS OR DUST.

Fire and Explosion Hazard Information

Flash Point Method:
N/P

Flash Point:

Flash Point Text:
COMBUSTIBLE

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
N/K

Upper Limits:
N/K

Extinguishing Media:
USE MEDIA COMPATIBLE WITH SURROUNDING MATERIAL.

Fire Fighting Procedures:
WEAR NIOSH/MSHA APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT (FP N) IF NECESSARY.

Unusual Fire/Explosion Hazard:
MAY EMIT TOXIC FUMES UPON THERMAL DECOMPOSITION.

Physical/Chemical Properties

HCC:
N1

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
N/A

Melt/Freeze Pt:

M.P/F.P Text:
N/K

Decomp Temp:

Decomp Text:
N/K 3

Vapor Pres:
N/K

Vapor Density:
N/A

Volatile Org Content %:

Spec Gravity:
1.52

VOC Pounds/Gallon:

PH: N/K

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
N/K

Solubility in Water:
SOLUBLE

Appearance and Odor:
WHITE POWDER.

Percent Volatiles by Volume:
N/K

Corrosion Rate:
N/K

Reactivity Data

Stability Indicator:
N/P

Stability Condition To Avoid:
OXIDIZERS.

Materials To Avoid:
NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:
COX.

Hazardous Polymerization Indicator:
N/P

Conditions To Avoid Polymerization:
NONE SPECIFIED BY MANUFACTURER.

Toxicological Information

Information:N/P

MSDS Transport Information

Information:N/P

Regulatory Information

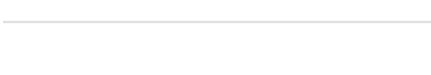
Sara Title III Information: N/P

Federal Regulatory Information: N/P

State Regulatory Information: N/P

Other Information

Other Information:N/P



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WARRANTY

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