

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-69/69-79-4.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

69-79-4

Code:

M

RTECS:

OO5250000

Code:

M

Name:

MALTOSE

Other REC Limits:

NONE RECOMMENDED

OSHA PEL:

NOT ESTABLISHED

Code:

M

OSHA STEL:**Code:****ACGIH TLV:**

NOT ESTABLISHED

Code:

M

ACGIH STEL:

N/P

Code:

Control Measures

Respiratory Protection:

NONE NEEDED IN NORMAL LABORATORY HANDLING. IF DUSTY SITUATIONS PREVAIL, WORK IN VENTILATION HOOD OR WEAR NIOSH-APPROVED DUST RESPIRATOR OR MASK.

Ventilation:

USE GENERAL OR LOCAL EXHAUST VENTILATION TO KEEP DUST LEVELS AS LOW AS POSSIBLE.

Protective Gloves:

LATEX RECOMMENDED

Eye Protection:

SAFETY GLASSES RECOMMENDED

Other Protective Equipment:

Equipment EYE BATH, WASHING FACILITIES, LAB COAT 4

Work Hygienic Practices:

OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES.

Supplemental Safety and Health:

N/P

Health Hazards Data

LD50/LC50 Mixture:

LD50 (ORAL, RAT) IS 34,800 MG/KG.

Route Of Entry Inds - Inhalation:

YES

Skin:

NO

Ingestion:

NO

Carcinogenicity Inds - NTP:

NO

IARC:

NO

OSHA:

NO

Health Hazards Acute And Chronic:

TARGET ORGANS: EYES. ACUTE- EYES: NO ADVERSE EFFECTS EXPECTED BUT DUST MAY CAUSE MECHANICAL IRRITATION. SKIN: NO ADVERSE EFFECTS EXPECTED. INHALATION: NOT EXPECTED TO BE A 2 HEALTH HAZARD. ORAL: LARGE ORAL DOSES MAY CAUSE GASTROINTESTINAL DISTURBANCES. CHRONIC- UNKNOWN.

Explanation Of Carcinogenicity:

NONE

Signs And Symptoms Of Overexposure:

EYE IRRITATION, ABDOMINAL DISCOMFORT

Medical Cond Aggravated By Exposure:

PERSONS WITH PRE-EXISTING EYE PROBLEMS MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THIS PRODUCT.

First Aid:

CALL PHYSICIAN IF SYMPTOMS PERSIST. EYE: FLUSH WITH PLENTY OF WATER. HOLD EYELIDS OPEN. SKIN: FLUSH WITH WATER. INHALED: REMOVE TO FRESH AIR. ORAL: IF CONSCIOUS, DRINK 1-2 GLASSES OF WATER & INDUCE VOMITING. CALL PHYSICIAN. NEVER GIVE FLUID OR INDUCE VOMITING IF PATIENT IS UNCONSCIOUS OR HAS CONVULSIONS.

Spill Release Procedures:

FLUSH TO SEWER WITH LARGE AMOUNT OF WATER IF PERMITTED. OTHERWISE, SWEEP UP AND PLACE IN A CONTAINER FOR REUSE OR DISPOSAL. AVOID DUST GENERATION. CLEAN SURFACE WITH WATER TO REMOVE RESIDUAL CONTAMINATION.

Neutralizing Agent:

NOT RELEVANT

Waste Disposal Methods:

WHATEVER CANNOT BE SAVED FOR RECOVERY MAY BE BURNED IN AN APPROVED INCINERATOR OR DISPOSED IN AN APPROVED WASTE FACILITY. ENSURE COMPLIANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

Handling And Storage Precautions:

STORE IN COOL, DRY AREA AWAY FROM STRONG OXIDIZING AGENTS. KEEP CONTAINERS TIGHTLY CLOSED. PROTECT FROM PHYSICAL DAMAGE.

Other Precautions:

DO NOT GET IN EYES. AVOID INHALATION OF DUSTS. KEEP OUT OF REACH OF CHILDREN. FOR LABORATORY USE ONLY. NOT FOR DRUG, FOOD/HOUSEHOLD USE. USE WITH ADEQUATE VENTILATION.

Fire and Explosion Hazard Information

Flash Point Method:

N/P

Flash Point:**Flash Point Text:**

NONE

Autoignition Temp:**Autoignition Temp Text:**

N/R

Lower Limits:

NOT RELEVANT

Upper Limits:

NOT RELEVANT

Extinguishing Media:

WATER SPRAY, CARBON DIOXIDE (CO2) OR DRY CHEMICAL (ABC). USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS.

Fire Fighting Procedures:

WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS. HAZARDOUS DECOMPOSITION PRODUCTS MAY BE FORMED.

Unusual Fire/Explosion Hazard:

AS WITH ANY FINELY DIVIDED ORGANIC SOLID, DUST MAY BE EXPLOSIVE IF MIXED WITH AIR IN CRITICAL PROPORTIONS AND IN THE PRESENCE OF AN IGNITION SOURCE.

Physical/Chemical Properties

H1:**N1:****NOT RELEVANT:****Net Wt For Ammo:****Boiling Point:****B.P. Text:**

DECOMPOSES

Melt/Freeze Pt:**M.P./F.P. Text:**

216F/102C

Decomp Temp:**Decomp Text:**

UNKNOWN

Vapor Pres:**N/R****Vapor Density:**

12.4

Volatile Org Content %:**Spec Gravity:**

UNKNOWN

VOC Pounds/Gallon:**PH:**

N/K

VOC Grams/Liter:**Viscosity:**

NOT RELEVANT

Evaporation Rate:

NOT RELEVANT

Apprability:

NOT RELEVANT

Appearance and Odor:

WHITE CRYSTALLINE POWDER - ODORLESS

Volatiles by Volume:

N/R

Corrosion Rate:

N/R

Reactivity Data

Stability Indicator:

YES

Stability Condition To Avoid:

EXTREME HEAT, DUST ACCUMULATION

Materials To Avoid:

STRONG OXIDIZING AGENTS (NITRIC ACID, POTASSIUM PERMANGANATE, CHLORATES, ETC..)

Hazardous Decomposition Products:

CARBON MONOXIDE, CARBON DIOXIDE MAY BE FORMED.

Hazardous Polymerization Indicator:

NO

Conditions To Avoid Polymerization:

NOT RELEVANT

Decomposition Products:

NOT RELEVANT

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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