

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-100/10034-99-8.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
10034-99-8
Code:
T

RTECS:
OM4508000
Code:
T

Name:
MAGNESIUM SULFATE HEPTAHYDRATE

Other REC Limits:
N/P

OSHA PEL:
N/P
Code:

OSHA STEL:
N/P
Code:

ACGIH TLV:
N/P
Code:

ACGIHSTEL:
N/P
Code:
1

Control Measures

Respiratory Protection:
NOT NEEDED DURING NORMAL PRODUCT USE.

Ventilation:
NO SPECIAL PROVISIONS REQUIRED UNDER NORMAL PRODUCT USE.

Protective Gloves:
IMPERVIOUS

Eye Protection:
RECOMMENDED ONLY IF CONTACT IS LIKELY.

Other Protective Equipment:
Equipment N/P

Work Hygienic Practices:
N/P

Supplemental Safety and Health:
N/P 3

Health Hazards Data

LD50LC50Mixture:
N/P

Route Of Entry Inds - Inhalation:
NO

Skin:
NO

Ingestion:
YES

Carcinogenicity Inds - NTP:
N/P

IARC:
N/P

OSHA:
N/P

Health Hazards Acute And Chronic:
THIS MATERIAL IS USED AS AN ANTICONVULSANT. INGESTION: CAN RESULT IN A LAXATIVE EFFECT. MAY AFFECT THE GASTROINTESTINAL TRACT, NERVOUS SYSTEM, CARDIOVASCULAR SYSTEM & HEART. ADMINISTRATION TO PREGNANT WOMEN PRIOR TO DELIVERY CAN RESULT IN HYPOTENSION, HYPOREFLEXIA, HYPOTENIA & RESPIRATORY DEPRESSION IN THE NEONATE.

Explanation Of Carcinogenicity:
N/P

Signs And Symptions Of Overexposure:
NAUSEA, VOMITING, ABDOMINAL PAIN, DIARRHEA, ELECTROLYTE LOSS, SEDATION, FLUSHING, SWEATING, HYPOTENSION, HYPOTHERMIA, REDUCED RESPIRATION RATE, HYPOTONIA, DEPRESSED REFLEXES, REDUCED HEART RATE, ALTER ED ECG & CIRCULATORY COLLAPSE.

Medical Cond Aggravated By Exposure:
HEART BLOCK, MYOCARDIAL DAMAGE, MAGNESIUM INTOXICATION, AILMENTS OF RESPIRATORY, RENAL & GI. CONCURRENT USE OF NERVOUS SYSTEM DEPRESSANT, NEUROMUSCULAR BLOCKING DRUGS & CARDIAC GLYCOSIDE.

First Aid:
EYES/SKIN: REMOVE FROM SOURCE OF EXPOSURE. FLUSH W/COPIOUS AMOUNTS OF WATER. INGESTION: INDUCE EMESIS/PERFORM GASTRIC LAVAGE IF PATIENT IS ALERT. INTRAVENOUS CALCIUM GLUCONATE CAN COUNTERACT THE EFFEC TS OF HYPERMAGNESEMIA. PROVIDE SYMPTOMATIC/SUPPORTIVE CARE, MONITOR CARDIOVASCULAR & RESPIRATORY.

Spill Release Procedures:
ABSORB W/SUITABLE MATERIAL & PLACE INTO CONTAINER FOR DISPOSAL.

Neutralizing Agent:
N/P

Waste Disposal Methods:
DISPOSE OF IN ACCORDANCE W/LOCAL, STATE & FEDERAL REGULATIONS. 2

Handling And Storage Precautions:
STORE AT ROOM TEMPERATURE 77F. AVOID EXCESSIVE HEAT. PROTECT FROM FREEZING.

Other Precautions:
N/P

Fire and Explosion Hazard Information

Flash Point Method:
N/A

Flash Point:

Flash Point Text:
N/A

Autoignition Temp:

Autoignition Temp Text:
N/P

Lower Limits:
N/P

Upper Limits:
N/P

Extinguishing Media:
USE MEDIA APPROPRIATE FOR PRIMARY CAUSE OF FIRE.

Fire Fighting Procedures:
WEAR SELF CONTAINED BREATHING APPARATUS, FLAME & CHEMICAL RESISTANT CLOTHING, BOOTS & GLOVES.

Unusual Fire/Explosion Hazard:
N/P

Physical/Chemical Properties

HCC:

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
N/P

Melt/Freeze Pt:

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

Decomp Temp:

Decomp Text:
N/P

Vapor Pres:
N/P

Vapor Density:
N/P

Volatile Org Content %:

Spec Gravity:
N/P

VOC Pounds/Gallon:

PH: 3.5-7

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
N/P

Solubility in Water:
WATER SOLUBLE

Appearance and Odor:
CLEAR ODORLESS SOLUTION

Percent Volatiles by Volume:
N/P

Corrosion Rate:
N/P

Reactivity Data

Stability Indicator:
N/P

Stability Condition To Avoid:
EXCESSIVE HEAT, FREEZING

Materials To Avoid:
N/P

Hazardous Decomposition Products:
BY HEATING: TOXIC FUMES OF SULFUR OXIDES

Hazardous Polymerization Indicator:
N/P

Conditions To Avoid Polymerization:
N/P

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