

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-167/16752-77-5.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

16752-77-5

Code:

M

RTECS:

AK2975000

Code:

M

Name:

METHOMYL (LANNATE) (SARA III)

Other REC Limits:

NONE SPECIFIED

OSHA PEL:

2.5 MG/M3

Code:

M

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

2.5 MG/M3; 9192

Code:

M

ACGIH STEL:

N/P

Code:

Control Measures

Respiratory Protection:

IF PROLONGED EXPOSURE IS EXPECTED OR IN EXCESSIVE AIRBORNE EXPOSURES, WEAR AN MSHA/NIOSH APPROVED PESTICIDE RESPIRATOR (ORGANIC VAPOR CARTRIDGE PLUS DUST PREFILTER) IN COMPLIANCE WITH CFR 29-1910,34.

Ventilation:

MECHANICAL (GENERAL)

Protective Gloves:

IMPERVIOUS

Eye Protection:

SAFETY GLASSES WITH SIDE SHIELDS

Other Protective Equipment:

Equipment EYE WASH STATION AND SAFETY SHOWER RECOMMENDED. INDUSTRIAL-TYPE WORK CLOTHING.

Work Hygienic Practices:

OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.

Supplemental Safety and Health:

5 N/P

Health Hazards Data

LD50LC50Mixture:

LD50 (ORAL RAT) = 3,000 MG/KG

Route Of Entry Inds - Inhalation:

YES

Skin:

NO

Ingestion:

YES

Carcinogenicity Inds - NTP:

NO

IARC:

NO

OSHA:

NO

Health Hazards Acute And Chronic:

ACUTE-WILL CAUSE CHOLINESTERASE INHIBITION. TOXIC SIGNS INCLUDE NAUSEA, VOMITING, DIARRHEA, HEADACHE, TIGHTNESS IN CHEST, ATAXIA, SWEATING, SALIVATION, PIN-POINT PUPILS, PULMONARY EDEMA, CYANOSIS. ATROPINE IS AN TIDOTAL CHRONIC-UNKNOWN

Explanation Of Carcinogenicity:

NONE OF THE LISTED INGREDIENTS IS A CARCINOGEN ACCORDING TO NTP, IARC, OSHA. 3

Signs And Symptoms Of Overexposure:

SEE HEALTH HAZARDS SECTION.

Medical Cond Aggravated By Exposure:

NONE SPECIFIED BY MANUFACTURER.

First Aid:

PRODUCT IS A CHOLINESTERASE INHIBITOR. ATROPINE IS ANTIODOTAL. IN CASE OF TOXIC SIGNS, I.V. ADMINISTRATION TO EFFECT MAY BE PREFERABLE. IF SWALLOWED, CALL A PHYSICIAN IMMEDIATELY. IF CONSCIOUS, DRINK 1 OR 2 GLASSES OF WATER & INDUCE VOMITING. IF ON SKIN, WASH WITH SOAP & WATER. REMOVE CONTAMINATED CLOTHING & CLEAN BEFORE REUSE. IF IN EYES, IMMEDIATELY FLUSH WITH GENTLY FLOWING WATER & CALL A PHYSICIAN.

Spill Release Procedures:

SMALL AMOUNTS MAY BE SWEEPED UP AND SPREAD IN PLANNED USE AREAS AS DIRECTED ON LABEL OR PLACED IN CONTAINER FOR DISPOSAL.

Neutralizing Agent:

NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods:

PESTICIDE THAT CANNOT BE USED ACCORDING TO LABEL SHOULD BE DISPOSED OF IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS.

Handling And Storage Precautions:

STORE IN A COOL, DRY, VENTILATED AREA. MAY BE HARMFUL IF SWALLOWED, INHALED, OR ABSORBED THROUGH SKIN. KEEP AWAY FROM FOODSTUFFS, CHILDREN & ANIMALS.

Other Precautions:

DO NOT CONTAMINATE FEED OR FOODSTUFFS. DO NOT BREATHE FUMES OR VAPORS. DO NOT GET ON SKIN OR IN EYES.

Fire and Explosion Hazard Information

Flash Point Method:

N/P

Flash Point:

N/R

Flash Point Text:

N/R

Autoignition Temp:

N/K 4

Lower Limits:

N/R

Upper Limits:

N/R

Extinguishing Media:

USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY CHEMICAL FOR SURROUNDING FIRE. WATER MAY INCREASE CONTAMINATION HAZARD.

Fire Fighting Procedures:

FIRE FIGHTERS SHOULD USE NIOSH-APPROVED POSITIVE PRESSURE, SELF-CONTAINED BREATHING APPARATUS. MOVE PEOPLE UPWIND FROM FIRE/SMOKE.

Unusual Fire/Explosion Hazard:

WILL IGNITE IF EXPOSED TO INTENSE HEAT/OPEN FLAME. BURNING PRODUCES TOXIC FUMES AND CARBON MONOXIDE FROM INCOMPLETE COMBUSTION. FIRE/HEAT MAY RUPTURE CONTAINER.

Physical/Chemical Properties

HCC:

T5

NRC/State Lic No:

N/A

Net Prop WT For Ammo:

N/A

Boiling Point:

N/A

B.P. Text:

N/R

Melt / Freeze Pt:

UNKNOWN

M.P/F.P Text:

UNKNOWN

Decomp Temp:

N/A

Decomp Text:

UNKNOWN

Vapor Pres:

N/R

Vapor Density:

N/R

Volatile Org Content %:

N/A

Spec Gravity:

>1

VOC Pounds/Gallon:

N/A

PH:

N/R

VOC Grams/Liter:

N/A

Viscosity:

N/P

Evaporation Rate & Reference:

N/R

Solubility in Water:

SOLUBLE

Appearance and Odor:

SOLID YELLOW GRANULES WITH CHARACTERISTIC SULFUROUS ODOR

Percent Volatiles by Volume:

0

Corrosion Rate:

N/A

Conditions To Avoid Polymerization:

N/A

Conditions To Avoid Oxidation:

N/A

Conditions To Avoid Polymerization:

N/A

Conditions To Avoid Oxidation:

N/A

Conditions To Avoid Polymerization:

N/A

Conditions To Avoid Oxidation:

N/A

Conditions To Avoid Polymerization:

N/A

Conditions To Avoid Oxidation:

N/A

Conditions To Avoid Polymerization:

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N/A

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