

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-130/1306-23-6.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

1306-23-6

Code:

M

RTECS:

EV3150000

Code:

M

Name:

CADMUM SULFIDE

Other REC Limits:

NONE RECOMMENDED

OSHA PEL:

0.2 MG/M3 (CD)

Code:

M

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

0.05 MG/M3 (CD)

Code:

M

ACGIH STEL:

N/P

Code:

Control Measures

Respiratory Protection:

WHERE ENVIRONMENTAL CONTROLS ARE LACKING OR IN ENCLOSED SPACES USE A NIOSH/MSHA APPROVED RESPIRATOR FOR PESTICIDE WITH A DUST PRE-FILTER.

Ventilation:

USE GENERAL DILUTION VENTILATION.

Protective Gloves:

IMPERVIOUS

Eye Protection:

SAFETY GLASSES WITH SIDESHIELDS

Other Protective Equipment:

Equipment NONE

Work Hygienic Practices:

USE REASONABLE CARE IN HANDLING THIS PRODUCT. WASH HANDS AFTER USE AND BEFORE EATING.

Supplemental Safety and Health:

EPA REG NO.:2724-178/2724-235. RF NO.:8E/40E. 3

Health Hazards Data

LD50/LC50 Mixture:

ORAL LD50 (RAT) IS 17MG/KG(DICHLOROVOS)

Route Of Entry Inds - Inhalation:

YES

Skin:

YES

Ingestion:

NO

Carcinogenicity Inds - NTP:

YES

IARC:

YES

OSHA:

NO

Health Hazards Acute And Chronic:

TOXIC - CHOLINESTERASE INHIBITOR ROUTES OF ENTRY ARE PRIMARILY INHALATION AND SKIN ABSORPTION.

Explanation Of Carcinogenicity:

CADMUM SULFIDE:IARC AND NTP.DICHLOROVOS:IARC(2B),NTP-SUFFICIENT EVIDENCE MOUSE;SOME EVIDENCE RAT.

Signs And Symptoms Of Overexposure:

SYSTEMIC POISONING:SWEATING,SALIVATION,TEARING,NAUSEA,HEADACHE,ATAxia,TIGHTNESS IN CHEST,VOMITING,DIARRHEA,PIN-POINT PUPILS,CYANOSIS(BLUISH SKIN).

Medical Cond Aggravated By Exposure:

NOT REPORTED.

First Aid:

SKIN:REMOVE CONTAMINATED CLOTHING;WASH WITH SOAP AND WATER.GET MEDICAL ATTENTION FOR IRRITATION.EYES:FLUSH WITH WATER FOR 15 MINUTES.GET MEDICAL ATTENTION IF IRRITATION PERSISTS.INHAL:REMOVE TO FRESH AIR.GIVE OXYGEN OR ARTIFICIAL RESPIRATION IF NEEDED.INGEST:GET PROMPT QUALIFIED MEDICAL ATTENTION IF CONSCIOUS,INDUCE VOMITING.**ATROpine(VIA I.V.) IS ANTIDOTAL FOR SIGNS OF DICHLOROVOS INTOXICATION**

Spill Release Procedures:

VENTILATE AREA,USE PROPER PROTECTIVE AND RESPIRATORY EQUIPMENT.PICK UP;WRAP IN PAPER;PLACE IN A DRY CONTAINER FOR DISPOSAL.CLEAN SPILL AREA.

Neutralizing Agent:

NOT APPLICABLE.

Waste Disposal Methods:

2 DISPOSE OF IN ACCORDANCE WITH FEDERAL,STATE AND LOCAL REGULATIONS.

Handling And Storage Precautions:

STORE IN A COOL,DRY,WELL-VENTILATED PLACE.KEEP CONTAINER CLOSED WHEN NOT IN USE.KEEP AWAY FROM HEAT,SPARKS,FLAMES AND INCOMPATIBLE MATERIALS.

Other Precautions:

KEEP AWAY FROM FOOD

Fire and Explosion Hazard Information

Flash Point Method:

N/P

Flash Point:**Flash Point Text:**

NONE

Autoignition Temp:**Autoignition Temp Text:**

N/K

Lower Limits:

N/K

Upper Limits:

N/K

Extinguishing Media:

WATER FOG,DRY CHEMICAL,CARBON DIOXIDE,FOAM.

Fire Fighting Procedures:

USE A SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE EQUIPMENT.

Unusual Fire/Explosion Hazard:

FIRE CONDITIONS MAY EVOLVE TOXIC FUMES.

Physical/Chemical Properties

HCC:

T5

NRC/State Lic No:

N/R

Net Prop WT For Ammo:**Boiling Point:****B.P. Text:**

N/R

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

N/K

Decomp Temp:**Decomp Text:**

UNKNOWN

Vapor Pres:

N/R

Vapor Density:

N/R

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

1.26

VOC Pounds/Gallon:**pH:**

N/R

VOC Grams/Liter:**Viscosity:**

N/R

Evaporation Rate & Reference:

10-100MG/DAY

Solubility in Water:

INSOLUBLE

Appearance and Odor:

SOLID STRIP (PLASTIC);YELLOW DICHLOROVOS ODOR.

Percent Volatiles by Volume:

20

Corrosion Rate:

UNKNOWN

Reactivity Data**Stability Indicator:**

YES

Stability Condition To Avoid:

NONE SPECIFIED BY MANUFACTURER.

Materials To Avoid:

STRONG ACIDS AND OXIDIZERS.

Hazardous Decomposition Products:**Hazardous Polymerization Indicator:**

NO

Conditions To Avoid Polymerization:

N/R

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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