

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:
CADMIUM 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

ACGIHSTEL:
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

LD50LC50Mixture:
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:
CADMIUM SULFIDE:IARC AND NTP.DICHLOROVOS:IARC(2B),NTP-SUFFICIENT EVIDENCE MOUSE;SOME EVIDENCE RAT.

Signs And Symptions Of Overexposure:
SYSTEMIC POISONING:SWEATING,SALIVATION,TEARING,NAUSEA,HEADACHE,ATAXIA,TIGHTNESS IN CHEST,VOMITING,DIARRHEA,PIN-POINT PUPILS,CYANOSIS(BLUIISH 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:
DICHLOROVOS=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:
HYDROCHLORIC ACID.

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