

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-141/141-66-2.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
141-66-2
Code:
M

RTECS:
TC3850000
Code:
M

Name:
DICROHOS (BIDRIN) (SARA III)

Other REC Limits:
N/K

OSHA PEL:
S, 0.25 MG/M3
Code:
M

OSHA STEL:

Code:

ACGIH TLV:
S, 0.25 MG/M3; 9192
Code:
M

ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
IF >TLV, USE NIOSH-APPROVED RESPIRATOR. DUE TO HIGH TOXICITY, USE AN ATMOSPHERE-SUPPLYING RESPIRATOR IN PRESSURE DEMAND MODE.

Ventilation:
PROVIDE VENTILATION TO CONTROL VAPOR CONCENTRATIONS.

Protective Gloves:
BUNKER/NATURAL RUBBER 3

Eye Protection:
HELMET W/FACE SHIELD, GOGGLES

Other Protective Equipment:
Equipment BUNKER COATS, RUBBER BOOTS, CLEAN PROTECTIVE CLOTHING, EYEWASH FOUNTAINS, &SAFETY SHOWERS

Work Hygienic Practices:
LAUNDER/SHAMPOO CONTAMINATED CLOTHING/SKIN/HAIR/SHOES. WASH BEFORE EATING/DRINKING/SMOKING/USING TOILET FACILITIES.

Supplemental Safety and Health:
PHYSICIAN'S NOTE: TREAT POISONING IMMEDIATELY. ANIDOTE: IV ATROPINE SULFATE. ADULT DOSAGE: 0.4-2 MG & CHILD DOSAGE: 0.05 MG/KG. REPEAT EVERY 15 MINS UNTIL ATROPINIZATION IS ACHIEVED. CHOLINEPGIC TOXIC ITY MAY RECUR. AVOID MORPHINE/AMINIPHYLLINE/PHENOTHIAZINE/RESERPINE/FUROSEMIDE/ETHACRYNIC ACID. MONITOR PATIENT CLOSELY.

Health Hazards Data

LD50LC50Mixture:
ORAL LD50 (RAT): 15-25 MG/KG

Route Of Entry Inds - Inhalation:

YES

Skin:
YES

Ingestion:
YES

Carcinogenicity Inds - NTP:

NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
EYES: TEARING/IRRITATION/CONSTRICTED PUPILS/BLURRED VISION. SKIN: TOXIC/HARMFUL/IRRITATION. INHALATION: TOXIC/FATAL/CHOLINESTERASE, CNS, RESPIRATORY DEPRESSION, NOSE/THROAT/RESPIRATORY TRACT IRRITATIO N/HEADACHE/NAUSEA/VOMITING/DIARRHEA/ABDOMINAL CRAMPS/EXCESSIVE SWEATING/SALIVATION/WEAKNESS. INGESTION: TOXIC & FATAL.

Explanation Of Carcinogenicity:

NONE

Signs And Symptions Of Overexposure:
EYES: TEARING, IRRITATION, CONSTRICTED PUPILS, & BLURRED VISION. SKIN: TOXIC, HARMFUL, & IRRITATION. INHALATION: TIGHTNESS OF CHEST, MUSCLE TWITCHING, CONFUSION, UNCONSCIOUSNESS, CONVULSIONS, BREATHIN G DIFFICULTY, & LOSS OF GAG REFLEX. INGESTION: TOXIC & FATAL.

Medical Cond Aggravated By Exposure:
EYE, SKIN, RESPIRATORY DISORDERS, & CONDITIONS WHICH LOWER CHOLINESTERASE LEVELS.

First Aid:
EYE: FLUSH W/WATER. SKIN: WASH W/SOAP/WATER. INHALATION: MOVE TO FRESH AIR. GIVE CPR/OXYGEN. INGESTION: DRINK 2 GLASSES OF WATER & INDUCE VOMITING. NEVER GIVE ANYTHING BY MOUTH/INDUCE VOMITING IF UNCO NSCIOUS. OBTAIN MEDICAL ATTENTION IN ALL CASES. NOTE: EMPTY STOMACH: ACTIVATED CHARCOAL IS USEFUL FOR ABSORPTION. IF ALERT, GIVE SYRUP OF IPECAC, PERFORM EMESIS OR GASTRIC LAVAGE.

Spill Release Procedures:
2 ELIMINATE IGNITION SOURCE. EVACUATE AREA/WEAR PROTECTIVE CLOTHING. SHUT OFF SOURCE/DIKE/CONTAIN/REMOVE W/VACUUM TRUCK/PUMP TO SALVAGE VESSELS. DECONTAMINATE/FLUSH AREA W/WATER. PLACE RESIDUE IN NON-LE AKING CONTAINER W/NONCOMBUSTIBLE ABSORBENT.

Neutralizing Agent:

N/K

Waste Disposal Methods:
IMPROPER DISPOSAL OF EXCESS PESTICIDE/SPRAY MIXTURE/RINSATE IS A VIOLATION OF FEDERAL LAW. DISPOSE OF IN SANITARY LANDFILL BY APPROVED STATE/LOCAL PROCEDURES/RECYCLE/RECONDITION/PUNCTURE. KEEP OUT OF SURFACE WATERS/SEWERS/WATERWAYS. FLAMMABLE LIQUID.

Handling And Storage Precautions:
AVOID INHALATION OF VAPOR/MIST/CONTACT W/SKIN/EYE/CLOTHING. GROUND EQUIPMENT TO PREVENT SPARKING. DON'T STORE AROUND HOME. LABEL CONTAINERS PROPERLY.

Other Precautions:
DON'T CONTAMINATE WATER/FOOD. DON'T REUSE EMPTY CONTAINER. OPEN DUMPING IS PROHIBITED. STORE IN SECURE/DRY/TEMPERATURE AREA IN ORIGINAL CONTAINER TIGHTLY SEALED. EMPTY CONTAINERS MAY CONTAIN EXPLOSIVE VAPORS. DON'T CUT/DRILL/GRIND/WELD.

Fire and Explosion Hazard Information

Flash Point Method:

TCC

Flash Point:

Flash Point Text:
109F

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
N/K

Upper Limits:
N/K

Extinguishing Media:
WATER FOG, ALCOHOL FOAM, DRY CHEMICAL, OR CO2

Fire Fighting Procedures:
EVACUATE AREA/WEAR FULL BUNKER GEAR INCLUDING POSITIVE NIOSH APPROVED SCBA. USE WATER TO KEEP FIRE-EXPOSED CONTAINERS COOL & TO REDUCE CLEANUP PROBLEMS.

Unusual Fire/Explosion Hazard:
FLAMMABLE LIQUID. USE WATER TO PREVENT VAPOR PRESSURE BUILDUP RESULTING IN CONTAINER RUPTURE/WEAKENING OF CONTAINER STRUCTURE. DECOMPOSES VIGOROUSLY IN HEAT.

Physical/Chemical Properties

HCC:

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
N/R

Melt/Freeze Pt:

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

Decomp Temp:

Decomp Text:
N/K

Vapor Pres:
N/R

Vapor Density:
N/R

Volatile Org Content %:

Spec Gravity:
1.19

VOC Pounds/Gallon:

PH: N/K

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
N/R

Solubility in Water:
COMPLETE

Appearance and Odor:
BROWN LIQUID W/MILD ODOR.

Percent Volatiles by Volume:
N/K

Corrosion Rate:
N/K

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
HEAT, TEMPERATURES >347F, OPEN FLAMES, SPARKS, IGNITION SOURCES, HOT SURFACES, PILOT LIGHTS, &CIGARETTES

Materials To Avoid:
WATER, ALKALINE MATERIAL, &OXIDIZING AGENTS

Hazardous Decomposition Products:
CO &UNIDENTIFIED ORGANIC COMPOUNDS

Hazardous Polymerization Indicator:

NO

Conditions To Avoid Polymerization:

N/K

Toxicological Information

Information:N/P

MSDS Transport Information

Information:N/P

Regulatory Information

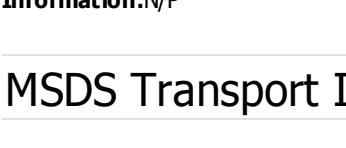
Sara Title III Information: N/P

Federal Regulatory Information: N/P

State Regulatory Information: N/P

Other Information

Other Information:N/P



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WARRANTY

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