

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-425/42509-80-8.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
42509-80-8

Code:
M

RTECS:
TE7760000

Code:
M

Name:
ISAZOFOS

Other REC Limits:
N/K

OSHA PEL:
N/K

Code:
M

OSHA STEL:

Code:

ACGIH TLV:
N/K

Code:
M

ACGIHSTEL:
N/P

Code:

Control Measures

Respiratory Protection:

WEAR A NIOSH/APPROVED CHEMICAL CARTRIDGE RESPIRATOR W/ORGANIC VAPOR CARTRIDGE & PESTICIDE PREFILTER OR SCBA.

Ventilation:
N/K

Protective Gloves:
RUBBER

Eye Protection:
CHEMICAL GOGGLES OR FACE SHIELD

Other Protective Equipment:

Equipment RUBBER BOOTS, LONG-SLEEVED SHIRT, LONG PANTS, &HAT

Work Hygienic Practices:

REMOVE/LAUNDRER OR DISCARD CONTAMINATED CLOTHING &SHOES. WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health:

ORAL LD50 (RAT): FEMALE-60 MG/KG, MALE-295 MG/KG. NOTE TO PHYSICIAN: INDUCTION OF EMESIS ISN'T RECOMMENDED. LAVAGE STOMACH TAKING CARE TO AVOID ASPIRATION. GIVE 5 MG/KG ACTIVATED CHARCOAL. USE ATROPIN E/2-PAM IF POISONED. MONITOR SERUM/RBC CHOLINESTERASE. REFER TO ORIGINAL MSDS FOR MORE INFORMATION.

Health Hazards Data

LD50LC50Mixture:
SEE SUPP

Route Of Entry Inds - Inhalation:
YES

Skin:
NO

Ingestion:
YES

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:

EYES: MIOSIS (PINPOINT PUPILS). INGESTION: ASPIRATION INTO LUNGS, CAUSES CHEMICAL PNEUMONIA. FATAL. INHALATION: OVEREXPOSURE TO SOLVENT VAPORS MAY CAUSE CNS DEPRESSION, RESPIRATORY TRACT IRRITATION, A SPHYXIATION, CARDIAC STRESS. CHRONIC EXPOSURE TO SOLVENTS MAY CAUSE BLOOD DISORDERS & KIDNEY/LIVER DAMAGE.

Explanation Of Carcinogenicity:

SEE INGREDIENTS.

Signs And Symptoms Of Overexposure:

HEADACHE/DIZZINESS/BLURRED VISION/WEAKNESS/NAUSEA/DIARRHEA/CRAMPS/DISCOMFORT IN CHEST/NERVOUSNESS/SWEATING/TEARING/SALIVATION/UNCONTROLLABLE MUSCLE TWITCHES/CONVULSIONS/COMA/LOSS OF REFLEXES & SPHINCT ER CONTROL.

Medical Cond Aggravated By Exposure:

HEMOLYTIC ANEMIAS OR CHOLINESTERASE DEPRESSION

First Aid:

INGESTION: DON'T INDUCE VOMITING. ASPIRATION HAZARD. GIVE PLENTY OF WATER IF CONSCIOUS. GIVE CPR IF NECESSARY. AVOID MOUTH-TO-MOUTH. EYE: FLUSH W/WATER. GIVE MEDICATING AGENTS ON PHYSICIAN ADVICE. SKI N: WASH W/SOAP/WATER (INCLUDING HAIR/FINGERNAIL). GIVE MEDICATING AGENTS ON PHYSICIAN ADVICE. INHALATION: REMOVE TO FRESH AIR. GIVE CPR IF NECESSARY. OBTAIN MEDICAL ATTENTION IN ALL CASES. (SEE SUPP)

Spill Release Procedures:

WEAR PROTECTIVE EQUIPMENT. SMALL: COVER W/ABSORBENT. SWEEP UP & PLACE IN APPROVED CHEMICAL WASTE CONTAINER. WASH AREA W/WATER/DETERGENT & ABSORB/SWEEP UP. SEAL CONTAINER. RINSE AREA TO REMOVE ANY RESI DUE. DON'T ALLOW TO CONTAMINATE WATER SUPIES.

Neutralizing Agent:
N/K

Waste Disposal Methods:

DONT REUSE PRODUCT CONTAINERS. DISPOSE OF PRODUCT CONTAINERS/WASTE CONTAINERS/RESIDUES ACCORDING TO LOCAL, STATE, & FEDERAL ENVIRONMENTAL REGULATIONS. IGNITABLE.

Handling And Storage Precautions:

STORE IN WELL-VENTILATED/SECURE AREA. KEEP FROM CHILDREN/DOMESTIC ANIMALS. DON'T STORE NEAR FOOD/BEVERAGES/TOBACCO & COSMETIC PRODUCTS.

Other Precautions:

AVOID CONTACT W/SKIN & EYES. AVOID BREATHING OF SPRAY OR MIST.

Fire and Explosion Hazard Information

Flash Point Method:
N/P 3

Flash Point:

Flash Point Text:
110-112F

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
0.85%

Upper Limits:
4.3%

Extinguishing Media:

DRY CHEMICAL, FOAM, CO2

Fire Fighting Procedures:

WEAR FULL PROTECTIVE CLOTHING & SCBA. EVACUATE NONESSENTIAL PERSONNEL. PREVENT USE OF CONTAMINATED BUILDINGS/AREA/EQUIPMENT UNTIL DECONTAMINATED.

Unusual Fire/Explosion Hazard:

COMBUSTIBLE LIQUID. AUTOIGNITION TEMP: >400C.

Physical/Chemical Properties

HCC:

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
170C

Melt/Freeze Pt:

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

Decomp Temp:

Decomp Text:
N/K 4

Vapor Pres:
0.00013

Vapor Density:
N/K

Volatile Org Content %:

Spec Gravity:
1.03

VOC Pounds/Gallon:

PH: SUPP

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
N/K

Solubility in Water:
150 PPM

Appearance and Odor:

AMBER LIQUID, STRONG ORGANOPHOSPHATE ODOR.

Percent Volatiles by Volume:
N/K

Corrosion Rate:
N/K

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
HEAT

Materials To Avoid:
WATER, ALKALINES

Hazardous Decomposition Products:
OXYGEN

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