

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-56/56-38-2.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
56-38-2
Code:
M

RTECS:
TF4550000
Code:
M

Name:
PARATHION (SARA III)

Other REC Limits:
N/K

OSHA PEL:
S, 0.1 MG/M3
Code:
M

OSHA STEL:

Code:

ACGIH TLV:
S, 0.1 MG/M3; 9192
Code:
M

ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
USE APPROPRIATE OSHA/MSHA APPROVED SAFETY EQUIPMENT.

Ventilation:
CHEMICAL SHOULD BE HANDLED ONLY IN A HOOD.

Protective Gloves:
AS REQUIRED

Eye Protection:
EYE SHIELDS

Other Protective Equipment:
Equipment AS REQUIRED

Work Hygienic Practices:
REMOVE/WASH CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health:
AN ANTIDOTE IS A SUBSTANCE INTENDED TO COUNTERACT THE EFFECT OF A POISON. IT SHOULD BE ADMINISTERED ONLY BY A PHYSICIAN/TRAINED EMERGENCY PERSONNEL. IF PATIENT IS VOMITING, WATCH CLOSELY TO MAKE SURE AIRWAY DOESN'T BECOME OBSTRACTED BY VOMIT. ANTIDOTE: 2-PAM (PRALIDOXIME CHLORIDE)/TOXOGONIN).

Health Hazards Data

LD50LC50Mixture:
ORAL RAT LD50: 4 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:
SKIN: HARMFUL IF ABSORBED. EYES: IRRITATION, & BURNS. INHALATION: HARMFUL, POSSIBLE CHOLINESTERASE INHIBITOR-MAY CAUSE SEIZURES, NAUSEA, VOMITING, AIR OBSTRUCTION &/OR MUCOUS SECRETIONS IN THE LUNGS, BLOOD DISORDERS, NERVOUS SYSTEM INJURY.INGESTION: TOXIC.

Explanation Of Carcinogenicity:
NONE

Signs And Symptions Of Overexposure:
INHALATION: REPRODUCTIVE EFFECTS, POSSIBLE CUMULATIVE POISON, FATAL, CARDIOVASCULAR SYSTEM INJURY, LUNG INJURY & RESPIRATORY TRACT IRRITATION. EYES: INJURY, IRRITATION, INFLAMMATION, & SWELLING OF ADJ OINING TISSUES.

Medical Cond Aggravated By Exposure:
N/K

First Aid:
EYES/SKIN: FLUSH W/WATER FOR 15-20 MINS. IF NO BURNS HAVE OCCURED-USE SOAP & WATER TO CLEANSE SKIN. INHALATION: REMOVE TO FRESH AIR. ADMINISTER OXYGEN IF BREATHING IS DIFFICULT. IF EXPERIENCES CARDIAC ARREST ADMINISTER CPR. IF EXHIBITING SIGNS OF SHOCK. KEEP WARM/QUIET. INGESTION: INDUCE VOMITING. DON'T ADMINISTER LIQUIDS/INDUCE VOMITING TO AN UNCONSCIOUS/CONVULSING PERSON. OBTAIN MED ATTN.

Spill Release Procedures:
EVACUATE AREA. WEAR APPROPRIATE EQUIPMENT. VENTILATE AREA. SWEEP UP & PLACE IN AN APPROPRIATE CONTAINER. WASH CONTAMINATED SURFACES TO REMOVE ANY RESIDUES. ABSORB ON VERMICULITE OR SIMILAR MATERIAL.

Neutralizing Agent:
N/K

Waste Disposal Methods:
BURN IN A CHEMICAL INCINERATOR EQUIPPED W/AN AFTERBURNER & SCRUBBER. DISPOSE OF IN ACCORDANCE W/FEDERAL, STATE, & LOCAL REGULATIONS.

Handling And Storage Precautions:
AVOID DIRECT PHYSICAL CONTACT. DON'T WEAR CONTACT LENSES IN THE LABORATORY. FOR LABORATORY USE ONLY.

Other Precautions:
2 KEEP TIGHTLY CLOSED IN A COOL DRY PLACE. STORE W/COMPATIBLE CHEMICALS. PRODUCT MAY NOT BE USED AS DRUGS/COSMETICS/AGRICULTURAL/PESTICIDAL PRODUCTS/FOOD ADDITIVES/HOUSEHOLD CHEMICALS. AVOID CONTACT W/S KIN, EYES & CLOTHING.

Fire and Explosion Hazard Information

Flash Point Method:
N/P

Flash Point:

Flash Point Text:
N/K

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
N/K

Upper Limits:
N/K

Extinguishing Media:
CO2, DRY CHEMICAL POWDER OR SPRAY.

Fire Fighting Procedures:
N/K

Unusual Fire/Explosion Hazard:
NO EXPLOSION LIMITS ARE AVAILABLE FOR THIS COMPOUND.

Physical/Chemical Properties

HCC:

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
707F

Melt/Freeze Pt:

M.P./F.P Text:
42.8F

Decomp Temp:

Decomp Text:
N/K

Vapor Pres:
55

Vapor Density:
1.262

Volatile Org Content %:

Spec Gravity:
N/K

VOC Pounds/Gallon:

PH: N/K

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
N/R

Solubility in Water:
INSOLUBLE

Appearance and Odor:
PALE YELLOW LIQUID, W/PUNGENT ACRID ODOR.

Percent Volatiles by Volume:
N/K

Corrosion Rate:
N/K

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
SENSITIVE TO HEAT

Materials To Avoid:
STRONG BASES, STRONG OXIDIZING AGENTS

Hazardous Decomposition Products:
WILL DECOMPOSE UNDER ALKALINE CONDITIONS

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