

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-55/55-38-9.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
55-38-9
Code:
M

RTECS:
TF9625000
Code:
M

Name:
FENTHION

Other REC Limits:
N/K

OSHA PEL:
S, 0.2 MG/M3
Code:
M

OSHA STEL:
ACGIH TLV: S, 0.2 MG/M3; 9192
Code:
1 OSHA STEL:

ACGIH TLV:
S, 0.2 MG/M3; 9192
Code:
M

ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
N/R

Ventilation:
THROUGH USE OF GENERAL & LOCAL EXHAUST VENTILATION.

Protective Gloves:
RUBBER, LATEX

Eye Protection:
GOGGLES

Other Protective Equipment:
Equipment WASH CLOTHES DAILY BEFORE REUSE.

Work Hygienic Practices:
WASH CLOTHES DAILY BEFORE REUSE.

Supplemental Safety and Health:
N/R

Health Hazards Data

LD50LC50Mixture:
ORAL LD50: RAT 800 MG/KG

Route Of Entry Inds - Inhalation:
YES

Skin:
NO

Ingestion:
YES

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
INHALATION/INGESTION: EXPOSURE TO FENTHION CAN PRODUCE NAUSEA, SWEATING. TIGHTNESS IN THE CHEST & CONSTRICTED PUPILS. STOMACH PAINS, VOMITING & DIARRHEA. LIFE THREATENING 2 EFFECTS- MUCOUS SECRETION, CO NVULSIONS & COMA.

Explanation Of Carcinogenicity:
THE NATIONAL CANCER INSTITUTE HAS TESTED FENTHION FOR CARCINOGENICITY IN RATS/MICE & FIND IT ISN'T CARCINOGENIC.

Signs And Symptions Of Overexposure:
INGESTION/INHALATION: EXPOSURE TO FENTHION CAN PRODUCE NAUSEA, SWEATING. TIGHTNESS IN THE CHEST & CONSTRICTED PUPILS. CAUSES STOMACH PAINS, VOMITING & DIARRHEA. LIFE THREATENING EFFECTS- MUSCULAR TREM ORS, MUCOUS SECRETION, CONVULSIONS & COMA.

Medical Cond Aggravated By Exposure:
N/K

First Aid:
IN ALL CASES GET MED ATT. EYE: FLUSH W/WATER FOR AT LEAST 15 MINS. SKIN: WASH IMMEDIATELY W/SOAP & WATER. INHALATION: REMOVE TO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL RESPIRATION. PREFERABLY MOUT H TO MOUTH. INGESTION: ADMINISTER WATERFREELY & INDUCE VOMITTING BY GIVING ONE DOSE OF SYRUP OF IPECAC OR INDUCE VOMITING BY STICKING FINGER DOWN THROAT. NEVER GIVE ANYTHING TO AN UNCONSCIOUS PERSON.

Spill Release Procedures:
ABSORB ALL LIQUID W/ABSORBENT. SCRUB AREA TWICE W/CHLOROX & DETERGENT. AVOID SKIN CONTACT W/LIQUID & PROLONGED BREATHING OF VAPORS.

Neutralizing Agent:
N/R

Waste Disposal Methods:
BURY ABSORBED MATERIAL IN EPA-APPROVED LANDFILL OR BURN IN AN INCINERATOR APPROVED FOR PESTICIDE DESTRUCTION.

Handling And Storage Precautions:
30 DAY AVERAGE STORAGE TEMPERATURE NOT >100F. DON'T STORE OR MIX W/STRONG OXIDANTS.

Other Precautions:
STORE IN COOL, DRY AREA. STORE THE LIQUID FORMULATION AWAY FROM EXCESSIVE HEAT & OPEN FLAME. DON'T STORE NEAR ANY MATERIAL INTENDED FOR USE OR CONSUMPTION BY HUMANS OR ANIMALS.

Fire and Explosion Hazard Information

Flash Point Method:
N/P

Flash Point:

Flash Point Text:
140F

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
N/K

Upper Limits:
N/K

Extinguishing Media:
DRY CHEMICAL, CO2, FOAM, WATER SPRAY.

Fire Fighting Procedures:
USE AIR-SUPPLIED RESCUE EQUIPMENT FOR ENCLOSED AREAS. COOL EXPOSED CONTAINERS W/WATER SPRAY. KEEP OUT OF SMOKE. FIGHT FIRE FROM UPWIND POSITION. 3

Unusual Fire/Explosion Hazard:
CONTAIN RUNOFF TO PREVENT ENTRY INTO SEWERS OR WATERWAYS. EQUIPMENT/MATERIAL INVOLVED IN PESTICIDE FIRES MAY BECOME CONTAMINATED.

Physical/Chemical Properties

HCC:

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
226.4F

Melt/Freeze Pt:

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

Decomp Temp:

Decomp Text:
N/R

Vapor Pres:
N/R

Vapor Density:
N/R

Volatile Org Content %:

Spec Gravity:
0.8806

VOC Pounds/Gallon:

PH: N/R

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
N/R

Solubility in Water:
NEGILIGIBLE

Appearance and Odor:
CLEAR AMBER LIQUID - AROMATIC HYDROCARBON ODOR

Percent Volatiles by Volume:
N/R

Corrosion Rate:
N/R

Reactivity Data

Stability Indicator:
YES 4

Stability Condition To Avoid:
N/K

Materials To Avoid:
ALKALINE MATERIALS. STRONG OXIDANTS.

Hazardous Decomposition Products:
CO, P2O5, SO2, CH3 SH

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