

# 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

**ACGIH STEL:**

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

**LD50/LC50 Mixture:**

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 EFFECTS- MUCOUS SECRETION, CONVULSIONS & COMA.

**Explanation Of Carcinogenicity:**

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

**Signs And Symptoms 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 TREMORS, 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 MOUTH TO MOUTH. INGESTION: ADMINISTER WATERFREELY & INDUCE VOMITING 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:**

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