

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-769/7696-12-0.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**

7696-12-0

**Code:**

M

**RTECS:**

**Code:**

X

**Name:**

TETRAMETHRIN

**Other REC Limits:**

NONE RECOMMENDED

**OSHA PEL:**

NOT ESTABLISHED

**Code:**

M

**OSHA STEL:**

**Code:**

**ACGIH TLV:**

NOT ESTABLISHED

**Code:**

M

**ACGIH STEL:**

N/P

**Code:**

## Control Measures

**Respiratory Protection:**

POSITIVE PRESSURE SELF-CONTAINED BREATHING APPARATUS IF ACCUMULATION OF VAPOR IS SUSPECTED.

**Ventilation:**

ADEQUATE VENTILATION TO PREVENT THE ACCUMULATION OF VAPORS.

**Protective Gloves:**

SOLVENT RESISTANT.

**Eye Protection:**

SAFETY GLASSES.

**Other Protective Equipment:**

Equipment NOT NORMALLY REQUIRED WITH AEROSOL PRODUCT USAGE.

**Work Hygienic Practices:**

NONE.

**Supplemental Safety and Health:**

VAPORS ARE HEAVIER THAN AIR AND WILL TEND TO COLLECT IN LOW AREAS. USE PRODUCT IN ACCORDANCE WITH LABEL AND INSTRUCTIONS.

## Health Hazards Data

**LD50/LC50 Mixture:**

STEL FOR OIL IS 10 MG/M3

**Route Of Entry Inds - Inhalation:**

YES

**Skin:**

YES

**Ingestion:**

NO

**Carcinogenicity Inds - NTP:**

NO

**IARC:**

NO

**OSHA:**

NO

**Health Hazards Acute And Chronic:**

ACUTE: MAY CAUSE BURNING/IRRITATION. SKIN CONTACT WILL CAUSE DRYNESS. INHALATION OF MIST MAY CAUSE BREATHING PROBLEMS. CHRONIC: PROLONGED EXPOSURE TO SKIN MAY CAUSE DEVELOPMENT OF DERMATITIS.

**Explanation Of Carcinogenicity:**

NOT LISTED AS A CARCINOGEN OR POTENTIAL CARCINOGEN.

**Signs And Symptoms Of Overexposure:**

VAPORS MAY CAUSE HEADACHE, NAUSEA, DIZZINESS.

**Medical Cond Aggravated By Exposure:**

NOT APPLICABLE 3

**First Aid:**

IF SYMPTOMS PERSISTS, CALL A PHYSICIAN! INHALATION-REMOVE TO FRESH AIR. APPLY ARTIFICIAL RESPIRATION, AS NEEDED. EYES-FLUSH WITH LARGE AMOUNTS OF WATER FOR 15 MINUTES. SKIN-REMOVE CONTAMINATED CLOTHING. WASH EXPOSED AREA WITH SOAP AND WATER. INGESTION-DO NOT INDUCE VOMITING. CALL A DOCTOR.

**Spill Release Procedures:**

VENTILATE AREA, ABSORB WITH INERT MATERIAL AND PLACE IN A CLOSED CONTAINER.

**Neutralizing Agent:**

NONE SPECIFIED BY MANUFACTURER.

**Waste Disposal Methods:**

ALL USED AND UNUSED PRODUCT SHOULD BE DISPOSED OF IN CONFORMANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

**Handling And Storage Precautions:**

STORE IN A COOL, DRY AREA.

**Other Precautions:**

HEALTH:2 FLAMMABILITY:2 REACTIVITY:0

## Fire and Explosion Hazard Information

**Flash Point Method:**

PMCC

**Flash Point:**

=81C, 177.8F

**Flash Point Text:**

**Autoignition Temp:**

N/P

**Lower Limits:**

N/P

**Upper Limits:**

N/P

**Extinguishing Media:**

CARBON DIOXIDE, DRY CHEMICAL, OR FOAM.

**Fire Fighting Procedures:**

NONE SPECIFIED BY MANUFACTURER. 4

**Unusual Fire/Explosion Hazard:**

AEROSOL CONTAINERS MAY EXPLODE WHEN HEATED ABOVE 120F.

## Physical/Chemical Properties

**HCC:**

V2

**NRC/State LIC No:**

N/R

**Net Prop WT For Ammo:**

N/A

**Boiling Point:**

=102C, 215.6F

**B.P. Text:**

N/P

**Melt/Freeze Pt:**

N/A

**M.P/F.P Text:**

N/P

**Decomp Temp:**

N/K

**Decomp Text:**

N/K

**0.23 MM:**

N/A

**Vapor Density:**

>AIR

**Volatile Org Content %:**

N/P

**Spec Gravity:**

0.79

**VOC Pounds/Gallon:**

N/A

**PH: NA**

**VOC Grams/Liter:**

N/A

**Viscosity:**

ND

**Evaporation Rate & Reference:**

SLOW 0.01 (TOLUENE=1)

**Solubility in Water:**

NEGLECT

**Appearance and Odor:**

AMBER LIQUID, PETROLEUM ODOR.

**Percent Volatiles by Volume:**

70

**Corrosion Rate:**

N/R

## Reactivity Data

**Stability Indicator:**

YES

**Stability Condition To Avoid:**

AEROSOL MAY EXPLODE IF CONTENTS ARE HEATED ABOVE 120F.

**Materials To Avoid:**

STRONG OXIDIZERS.

**Hazardous Decomposition Products:**

CARBON DIOXIDE AND CARBON MONOXIDE

**Hazardous Polymerization Indicator:**

NO

**Conditions To Avoid Polymerization:**

NONE

## 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

## Information

**Information:**

N/P