

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-510/5103-74-2.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
5103-74-2

**Code:**  
M

**RTECS:**  
PC0365000

**Code:**  
M

**Name:**  
TRANS-CHLORDANE (SUSPECTED HUMAN CARCINOGEN BY IA)

**Other REC Limits:**

N/K

**OSHA PEL:**

N/K

**Code:**

M

**OSHA STEL:**

**Code:**

**ACGIH TLV:**

N/K

**Code:**

M

**ACGIH STEL:**

N/P

**Code:**

## Control Measures

**Respiratory Protection:**

USE APPROPRIATE OSHA/MSHA APPROVED EQUIPMENT

**Ventilation:**

HOOD

**Protective Gloves:**

REQUIRED

**Eye Protection:**

EYESHIELD

**Other Protective Equipment:**

Equipment N/K

**Work Hygienic Practices:**

REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

**Supplemental Safety and Health:**

INFORMATION IF FOR THE COMPONENT. METHYL ALCOHOL.

## Health Hazards Data

**LD50/LC50 Mixture:**

ORAL LD50 (MOUSE): 5628 MG/KG

**Route Of Entry Inds - Inhalation:**

YES

**Skin:**

YES

**Ingestion:**

YES

**Carcinogenicity Inds - NTP:**

NO

**IARC:**

YES

**OSHA:**

NO

**Health Hazards Acute And Chronic:**

SKIN: FATAL IF ABSORBED THROUGH SKIN EYES: REPEATED EXPOSURE TO VAPORS & DUST CAN CAUSE EYE INJURY. INGESTION: INGESTED CAN CAUSE GASTRO-INTESTINAL DISTURBANCES. INHALATION: EXPOSURE CAN CAUSE LIVER DAMAGE, KIDNEY DAMAGE & CARDIOVASCULAR SYSTEM INJURY. CAN CAUSE CONVULSIONS.

**Explanation Of Carcinogenicity:**

SEE INGREDIENTS

**Signs And Symptoms Of Overexposure:**

N/K

**Medical Cond Aggravated By Exposure:**

N/K

**First Aid:**

EYES: FLUSH W/WATER FOR 15-20 MINS. SKIN: FLUSH W/WATER FOR 15-20 MINS. IF NO BURNS HAVE OCCURRED-USE SOAP & WATER TO CLEANSE SKIN. INHALATION: REMOVE TO FRESH AIR. ADMINISTER OXYGEN IF PATIENT IS HAVING DIFFICULTY BREATHING. IF PATIENT HAS SPED BREATHING ADMINISTER ARTIFICIAL RESPIRATIONS. IF PATIENT IS IN CARDIAC ARREST ADMINISTER CPR. OBTAIN MEDICAL ATTENTION IN ALL CASES. (SEE SUPP).

**Spill Release Procedures:**

EVACUATE AREA. WEAR APPROPRIATE OSHA REGULATED EQUIPMENT. VENTILATE AREA. ABSORB ON VERMICULITE/SIMILAR MATERIAL. SWEEP UP & PLACE IN AN APPROPRIATE CONTAINER. HOLD FOR DISPOSAL. WASH CONTAMINATED SURFACES TO REMOVE ANY RESIDUES.

**Neutralizing Agent:**

N/K

**Waste Disposal Methods:**

BURN IN A CHEMICAL INCINERATOR EQUIPPED W/AN AFTERBURNER & SCRUBBER, IAW/LOCAL, STATE, FEDERAL REGULATION.

**Handling And Storage Precautions:**

KEEP TIGHTLY CLOSED IN A COOL DRY PLACE. STORE ONLY W/COMPATIBLE CHEMICALS. METH ALCOHOL IS HYGROSCOPIC & FLAMMABLE

**Other Precautions:**

PERSONS NOT SPECIFICALLY & PROPERLY TRAINED SHOULD NOT HANDLE THIS CHEMICAL/ITS CONTAINER. FOR LABORATORY USE ONLY. CONTACT LENSES SHOULDNT BE WORN IN THE LABORATORY. AVOID DIRECT PHYSICAL CONTACT.

## Fire and Explosion Hazard Information

**Flash Point Method:**

N/P

**Flash Point:**

148.28F (SUPP)

Melt/Freeze Pt:

-98C (SUPP)

Decomp Temp:

N/A

Autoignition Temp:

N/A

Autoignition Temp Text:

N/A

Lower Limits:

36% (SUPP)

Upper Limits:

6.7% (SUPP) 4

**Extinguishing Media:**

CO2, DRY CHEMICAL POWDER. DON'T USE WATER. (SUPP)

**Fire Fighting Procedures:**

N/K

**Unusual Fire/Explosion Hazard:**

FLAMMABLE (METHYL ALCOHOL)

## Physical/Chemical Properties

**HCC:**

**NRC/State LIC No:**

**Net Prop WT For Ammo:**

N/P

**Boiling Point:**

148.28F (SUPP)

Melt/Freeze Pt:

-98C (SUPP)

Decomp Temp:

N/A

**Decomp Text:**

N/A

**Vapor Pres:**

97 (SUPP)

**Vapor Density:**

1.11 (SUPP)

**Volatile Org Content %:**

N/A

**Spec Gravity:**

N/K

**VOC Pounds/Gallon:**

N/A

**PH:**

N/K

**VOC Grams/Liter:**

N/A

**Viscosity:**

N/P

**Evaporation Rate & Reference:**

N/K

**Solubility in Water:**

MISCIBLE (SUPP)

**Appearance and Odor:**

LIQUID (SUPP)

5

**Percent Volatiles by Volume:**

N/K

**Corrosion Rate:**

N/K

**Conditions To Avoid Polymerization:**

N/K

**Decomp Text:**

N/A

## Reactivity Data

**Stability Indicator:**

YES

**Stability Condition To Avoid:**

N/K

**Materials To Avoid:**

STRONG ACIDS, ACID HALIDES, STRONG OXIDIZING AGENTS, STRONG REDUCING AGENTS. (SUPP)

Hazardous Decomposition Products:  
TOXIC FUMES. (SUPP)

Hazardous Polymerization Indicator:

NO

**Conditions To Avoid Polymerization:**

N/K

**Decomp Text:**

N/A

## Toxicological Information

**Information:**

N/P

## MSDS Transport Information

**Information:**

N/P

## Regulatory Information

**Other Information:**

N/P

**Other Information:**