

# 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
ACGIHSTEL:	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	
LD50LC50Mixture:	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: IN INGESTED CAN CAUSE GASTRO-INTESTINAL DISTURBANCES. INHALATION: EXPOSURE CAN CAUSE LIVE R 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 HAV EING 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 SUR FACES 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:	PERONS NOT SPECIFICALLY & PROPERLY TRAINED SHOULD NOT HANDLE THIS CHEMICAL/ITS CONTAINER. FOR LABORATORY USE ONLY. CONTECT LENSES SHOULDN'T BE WORN IN THE LABORATORY. AVOID DIRECT PHYSICAL CONTACT.

Fire and Explosion Hazard Information	
Flash Point Method:	N/P
Flash Point:	
Flash Point Text:	51.8F (SUPP)
Autoignition Temp:	
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:	
Boiling Point:	
B.P. Text:	148.28F SUP
Melt/Freeze Pt:	
M.P/F.P Text:	-98C(SUPP)
Decomp Temp:	
Decomp Text:	N/K
Vapor Pres:	97(SUPP)
Vapor Density:	1.11 (SUP)
Volatile Org Content %:	
Spec Gravity:	N/K
VOC Pounds/Gallon:	
PH: N/K	
VOC Grams/Liter:	
Viscosity:	N/P
Evaporation Rate & Reference:	N/K
Solubility in Water:	MISCIBLE (SUPP)
Appearance and Odor:	COLORLESS LIQUID (SUPP) 5
Percent Volatiles by Volume:	N/K
Corrosion Rate:	N/K

Reactivity Data	
Stability Indicator:	YES
Stability Condition To Avoid:	N/K
Materials To Avoid:	STRONG ACIDS, ACID HALIDES, ANHYDRIDES, STRONG OXIDIZING AGENTS, STRONG REDUCING AGENTS. ACTIVE METALS. (SUPP)
Hazardous Decomposition Products:	TOXIC FUMES. (SUPP)
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