

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-59/59-50-7.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
59-50-7  
**Code:**  
M

**RTECS:**  
GO7100000  
**Code:**  
M

**Name:**  
4-CHLORO-3-METHYLPHENOL

**Other REC Limits:**  
N/K 3

**OSHA PEL:**  
N/K  
**Code:**  
M

**OSHA STEL:**

**Code:**

**ACGIH TLV:**  
N/K  
**Code:**  
M

**ACGIHSTEL:**  
N/P  
**Code:**

## Control Measures

**Respiratory Protection:**  
RESPIRATORY W/ORGANIC VAPOR CARTRIDGE.

**Ventilation:**  
GENERAL & LOCAL EXHAUST

**Protective Gloves:**  
VITON/POLYVINYL ALCOHOL/NEOPRENE

**Eye Protection:**  
SAFETY GLASSES OR GOGGLES

**Other Protective Equipment:**  
Equipment PROTECTIVE CLOTHING MEETING LABORATORY SAFETY REQUIREMENTS. 6

**Work Hygienic Practices:**  
N/K

**Supplemental Safety and Health:**  
LIQUID DENSITY: 1.325.

## Health Hazards Data

**LD50LC50Mixture:**  
N/K

**Route Of Entry Inds - Inhalation:**  
YES

**Skin:**  
YES

**Ingestion:**  
YES

**Carcinogenicity Inds - NTP:**  
YES

**IARC:**  
YES

**OSHA:**  
NO

**Health Hazards Acute And Chronic:**  
IRRITANT. EYES: INJURY. SKIN: DERMATITIS THROUGH DEFATTING. NARCOSIS, LIVER/KIDNEY/BLOOD/CNS DAMAGE, DEATH. MILD CNS DEPRESSION. POSSIBLE MUTAGEN. CANCER HAZARD.

**Explanation Of Carcinogenicity:**  
SEE INGREDIENTS.

**Signs And Symptions Of Overexposure:**  
INHALATION: IRREGULAR HEARTBEATS, COMA, LIGHTHEADEDNESS, VERTIGO, DIZZINESS, HEADACHES, NAUSEA, DROWSINESS, UNCONSCIOUSNESS.

**Medical Cond Aggravated By Exposure:**  
DERMATITIS, DISEASES OF EYES, LIVER, KIDNEYS, & LUNGS.

**First Aid:**  
EYES: REMOVE CONTACT LENSES. FLUSH W/WATER FOR 15 MINS. SKIN: IMMEDIATELY WASH W/SOAP & WATER. REMOVE CONTAMINATED CLOTHING. INHALATION: REMOVE TO FRESH AIR. RESTORE/SUPPORT BREATHING. HAVE TRAINED PE RSON GIVE OXYGEN/CPR IF NEEDED. INGESTION: DON'T INDUCE VOMITING. OBTAIN MEDICAL ATTENTION IN ALL CASES.

**Spill Release Procedures:**  
5 WEAR PERSONAL PROTECTIVE EQUIPMENT. ABSORB SMALL SPILLS ON PAPER, VERMICULITE, OR OTHER ABSORBENT. COLLECT & STORE IN CLOSED CONTAINER FOR DISPOSAL.

**Neutralizing Agent:**  
N/K

**Waste Disposal Methods:**  
INCINERATE AT AN APPROVED FACILITY IN ACCORDANCE W/LOCAL, STATE, & FEDERAL REGULATIONS.

**Handling And Storage Precautions:**  
AVOID INHALATION & CONTACT. KEEP IN TIGHTLY CLOSED CONTAINERS AT ALL TIMES. HANDLE W/UTMOST CARE. STORE IN AN EXPLOSION-PROOF REFRIGERATOR AT 4C.

**Other Precautions:**  
N/K

## Fire and Explosion Hazard Information

**Flash Point Method:**  
N/P

**Flash Point:**

**Flash Point Text:**  
NONE

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/A

**Lower Limits:**  
12%

**Upper Limits:**  
19%

**Extinguishing Media:**  
DRY CHEMICAL, CO2, HALON, FOAM, WATER SPRAY AS APPROPRIATE FOR SURROUNDING FIRE & MATERIALS

**Fire Fighting Procedures:**  
WEAR SELF-CONTAINED BREATHING APPARATUS & PROTECTIVE CLOTHING. KEEP FIRE-EXPOSED CONTAINERS COOL W/WATER SPRAY.

**Unusual Fire/Explosion Hazard:**  
AUTOIGNITION TEMPERATURE: 556C. MAY FORM EXPLOSIVE VAPOR/AIR MIXTURE.

## Physical/Chemical Properties

**HCC:**

**NRC/State LIC No:**

**Net Prop WT For Ammo:**

**Boiling Point:**

**B.P. Text:**  
40C

**Melt/Freeze Pt:**

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

**Decomp Temp:**

**Decomp Text:**  
N/K

**Vapor Pres:**  
340

**Vapor Density:**  
N/K

**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:**  
MODERATE

**Appearance and Odor:**  
COLORLESS/ETHER-LIKE ODOR.

**Percent Volatiles by Volume:**  
N/K

**Corrosion Rate:**  
N/K

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
IGNITION SOURCES

**Materials To Avoid:**  
ALUMINUM, MAGNESIUM POWDER, ALKALI METALS, STRONG ALKALINE SOLUTIONS, STRONG OXIDIZERS

**Hazardous Decomposition Products:**  
N/K

**Hazardous Polymerization Indicator:**  
NO

**Conditions To Avoid Polymerization:**  
N/K

## Toxicological Information

**Information:**N/P

## MSDS Transport Information

**Information:**N/P

## Regulatory Information

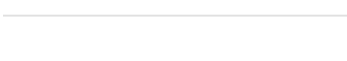
**Sara Title III Information:** N/P

**Federal Regulatory Information:** N/P

**State Regulatory Information:** N/P

## Other Information

**Other Information:**N/P



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