

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-542/542-75-6.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
542-75-6  
**Code:**  
M

**RTECS:**  
UC8310000  
**Code:**  
M

**Name:**  
1,3-DICHLOROPROPENE (ANIMAL CARCINOGEN BY IARC-GR

**Other REC Limits:**  
1 PPM

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

**OSHA STEL:**

**Code:**

**ACGIH TLV:**  
4.5 MG/CUM (A2)  
**Code:**  
M

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

## Control Measures

**Respiratory Protection:**  
WEAR FACE MASK W/ORGANIC VAPOR CANISTER.

**Ventilation:**  
USE ONLY IN WELL VENTILATED AREAS.

**Protective Gloves:**  
RUBBER

**Eye Protection:**  
PROTECTIVE GLASSES.

**Other Protective Equipment:**  
Equipment N/K

**Work Hygienic Practices:**  
N/K

**Supplemental Safety and Health:**  
N/K

## Health Hazards Data

**LD50LC50Mixture:**  
ORAL LD50(RAT): 5628 MG/KG METHANOL

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

**Skin:**  
NO

**Ingestion:**  
YES

**Carcinogenicity Inds - NTP:**  
YES

**IARC:**  
YES

**OSHA:**  
NO

**Health Hazards Acute And Chronic:**  
INHALATION: HARMFUL. INGESTION: FATAL. GASTROINTESTINAL DISTURBANCES. EYES: MAY CAUSE BLINDNESS. CHRONIC: LEUKEMIA. 4

**Explanation Of Carcinogenicity:**  
SEE INGREDIENTS.

**Signs And Symptions Of Overexposure:**  
HEADACHE, NAUSEA, GI DISTURBANCES

**Medical Cond Aggravated By Exposure:**  
N/K

**First Aid:**  
EYES: FLUSH W/WATER FOR 15 MINS. SKIN: FLUSH W/PLENTY OF WATER. INHALATION: MOVE TO FRESH AIR. GIVE CPR IF NECESSARY. INGESTION: NEVER GIVE ANYTHING BY MOUTH IF UNCONSCIOUS. NEVER TRY TO MAKE AN UNCON SCIOUS PERSON VOMIT. GIVE 2 TABLESPOONSO F BAKING SODA IN A GLASS OF WATER & PRESS FINGERS TO BACK OF TONGUE TO INDUCE VOMITING. OBTAIN MEDICAL ATTENTION IN ALL CASES.

**Spill Release Procedures:**  
TAKE UP W/ABSORBENT MATERIAL. VENTILATE AREA. ELIMINATE ALL IGNITION SOURCES.

**Neutralizing Agent:**  
N/K

**Waste Disposal Methods:**  
DISPOSE OF IN ACCORDANCE W/LOCAL, STATE & FEDERAL REGULATIONS.

**Handling And Storage Precautions:**  
REFRIGERATE IN SEALED CONTAINER. KEEP AWAY FROM OXIDIZERS & IGNITION SOURCES.

**Other Precautions:**  
AVOID EYE/SKIN CONTACT . AVOID BREATHING VAPORS.

## Fire and Explosion Hazard Information

**Flash Point Method:**  
N/P

**Flash Point:**

**Flash Point Text:**  
50F

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/A

**Lower Limits:**  
6

**Upper Limits:**  
36.5

**Extinguishing Media:**  
CO2, DRY CHEMICAL, ALCOHOL FOAM.

**Fire Fighting Procedures:**  
WEAR SELF CONTAINED BREATHING APPARATUS WHEN FIGHTING A CHEMICAL FIRE.

**Unusual Fire/Explosion Hazard:**  
N/K

## Physical/Chemical Properties

**HCC:**

**NRC/State LIC No:**

**Net Prop WT For Ammo:**

**Boiling Point:**

**B.P. Text:**  
149F

**Melt /Freeze Pt:**

**M.P/F.P Text:**  
-144.4F

**Decomp Temp:**

**Decomp Text:**  
N/K

**Vapor Pres:**  
100

**Vapor Density:**  
1.1

**Volatile Org Content %:**

**Spec Gravity:**  
0.79

**VOC Pounds/Gallon:**

**PH:** N/K

**VOC Grams/Liter:**

**Viscosity:**  
N/P

**Evaporation Rate & Reference:**  
(ETHER=1): >1

**Solubility in Water:**  
COMPLETE

**Appearance and Odor:**  
CLEAR COLORLESS LIQUID.

**Percent Volatiles by Volume:**  
100

**Corrosion Rate:**  
N/K

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
IGNITION SOURCES.

**Materials To Avoid:**  
OXIDIZING AGENTS, CHROMATE ANHYDRIDE, LEAD PERCHLORATE, PERCHLORIC ACIDS

**Hazardous Decomposition Products:**  
HYDROGEN CHLORIDE, HYDROGEN BROMIDE.

**Hazardous Polymerization Indicator:**  
NO 6

**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