

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-79/79-43-6.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
79-43-6  
**Code:**  
M

**RTECS:**  
AG6125000  
**Code:**  
M

**Name:**  
ACETIC ACID, DICHLORO-

**Other REC Limits:**  
N/K

**OSHA PEL:**  
NOT APPLICABLE  
**Code:**  
M

**OSHA STEL:**

**Code:**  
2

**ACGIH TLV:**  
NOT APPLICABLE  
**Code:**  
M

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

## Control Measures

**Respiratory Protection:**  
USE NIOSH/MSHA APPROVED RESPIRATOR IF AIRBORNE CONCENTRATIONS POSE A HEALTH HAZARD, BECOME IRRITATING, OR EXCEED RECOMMENDED LIMITS.

**Ventilation:**  
USE MECHANICAL VENTILATION.

**Protective Gloves:**  
CHEMICAL RESISTANT GLOVES. 5

**Eye Protection:**  
SAFETY GOGGLES OR FULL FACE SHIELD.

**Other Protective Equipment:**  
Equipment CLOTHING SUITABLE TO PREVENT SKIN CONTACT. EMERGENCY EYE WASH DELUGE SHOWER.

**Work Hygienic Practices:**  
WASH HANDS THOROUGHLY AFTER USE AND BEFORE EATING, SMOKING OR USING SANITARY FACILITIES (FP N).

**Supplemental Safety and Health:**  
NONE SPECIFIED BY MANUFACTURER.

## Health Hazards Data

**LD50LC50Mixture:**  
LD50:(ORAL; RAT) 5000 MG/KG

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

**Skin:**  
NO

**Ingestion:**  
NO

**Carcinogenicity Inds - NTP:**  
NO

**IARC:**  
NO

**OSHA:**  
NO

**Health Hazards Acute And Chronic:**  
CORROSIVE TO SKIN, EYES AND RESPIRATORY PASSAGES. DEPRESSANT OF CENTRAL NERVOUS SYSTEM. SYMPTOMS ARE SHOCK, BRONCHITIS, SNEEZING, COUGH, HEADACHE, GIDDINESS, BLUISH DISCOLORATION, NAUSEA, VOMITING, EY E BURNS, SKIN BURNS, MUCOUS MEMBRANE BURNS, SALIVATION, ABDOMINAL CRAMPS AND CONJUNCTIVITIS.

**Explanation Of Carcinogenicity:**  
NOT RELEVANT

**Signs And Symptions Of Overexposure:**  
N/K

**Medical Cond Aggravated By Exposure:**  
NONE SPECIFIED BY MANUFACTURER.

**First Aid:**  
INHAL:REMOVE TO FRESH AIR. SUPPORT BRTHG (GIVE O\*2 ARTF/RESP). GET MD IMMED. EYE:HOLD EYELIDS OPEN & FLUSH FOR AT LEAST 15 MINS W/LARGE QTYS OF WATER. GET MD IMMED. SKIN:IMMED REMOVE CONTAM CLTHG & WA SH AFFECTED AREA THOROUGHLY W/SOAP & WATER. GET MD. INGEST:IF CONSCIOUS, GIVE WATER OR MILK TO DILUTE STOM CONTENTS. DO NOT INDUCE VOMITING. GET MD IMMED.

**Spill Release Procedures:**  
WEAR APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT, CONTAIN SPILL, COLLECT INTO SUITABLE CONTAINER.

**Neutralizing Agent:**  
NONE SPECIFIED BY MANUFACTURER.

**Waste Disposal Methods:**  
DISPOSE OF OR INCINERATE I/A/W REGULATIONS. LISTED AS A HAZARDOUS SUBSTANCE, AS DEFINED IN THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT OF 1980.

**Handling And Storage Precautions:**  
4 STORE IN A COOL PLACE IN ORIGINAL CONTAINER. KEEP TIGHTLY SEALED.

**Other Precautions:**  
CNTCT LENSES SHOULD NOT BE WORN WHEN WORKING W/MATL. NO SMOKING IN AREA OF USE. DO NOT USE IN GEN VICIN OF ARC WELDING,OPEN FLAMES OR HOT SURFACES. HEAT &/OR UV RADIATION MAY CAUSE FORMATION OF HCL AN D/OR PHOSGENE (FP N).

## Fire and Explosion Hazard Information

**Flash Point Method:**  
N/P

**Flash Point:**

**Flash Point Text:**  
NOT APPLICABLE

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/A

**Lower Limits:**  
N/A

**Upper Limits:**  
N/A

**Extinguishing Media:**  
CARBON DIOXIDE, FOAM OR DRY CHEMICAL. DO NOT USE WATER.

**Fire Fighting Procedures:**  
USE NIOSH/MSHA APPROVED PRESSURE DEMAND SCBA AND FULL PROTECTIVE CLOTHING.

**Unusual Fire/Explosion Hazard:**  
EMITS TOXIC AND CORROSIVE FUMES UNDER FIRE CONDITIONS. THERMAL DECOMPOSITION PRODUCTS MAY CONTAIN HCL AND PHOSGENE (FP N).

## Physical/Chemical Properties

**HCC:**

**NRC/State LIC No:**

**Net Prop WT For Ammo:**

**Boiling Point:**

**B.P. Text:**  
387F,197C

**Melt/Freeze Pt:**

**M.P/F.P Text:**  
135F,57C

**Decomp Temp:**

**Decomp Text:**  
>200

**Vapor Pres:**  
<0.01

**Vapor Density:**  
900 KG/M3

**Volatile Org Content %:**

**Spec Gravity:**  
1.6298

**VOC Pounds/Gallon:**

**PH:** N/K

**VOC Grams/Liter:**

**Viscosity:**  
N/P

**Evaporation Rate & Reference:**  
N/K

**Solubility in Water:**  
1200 G/L

**Appearance and Odor:**  
COLORLESS TO SLIGHTLY YELLOW CRYSTALLINE MATERIAL, ACETIC ACID ODOR.

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

**Corrosion Rate:**  
N/K 6

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
NONE SPECIFIED BY MANUFACTURER.

**Materials To Avoid:**  
CONTACT W/ALKALINE MATERIALS AND METALS AND AMINES.

**Hazardous Decomposition Products:**  
HYDROCHLORIC ACID, PHOSGENE CARBON MONOXIDE. AQUEOUS SOLNS ARE SUBJECT TO SLOW HYDROLYSIS W/DECOMP TO CHLOROFORM/CO\*2.

**Hazardous Polymerization Indicator:**  
NO

**Conditions To Avoid Polymerization:**  
NOT RELEVANT

## 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