

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-647/64700-56-7.html> for suppliers of this product.

### Composition/Information on Ingredient

**44700-56-7**

**Code:**  
M

**RTECS:**  
AJ8970000

**Code:**  
M

**Name:**  
TRICLOPYR ([3,5,6-TRICHLORO-2-PYRIDINYL]OXY) ACET

**Other REC Limits:**  
\*DOW IND HYG.GUIDE

**OSHA PEL:**  
2MG/M3,SKIN\*

**Code:**  
M

**OSHA STEL:**

**Code:**

**ACGIH TLV:**  
NOT ESTABLISHED

**Code:**  
M

**ACGIHSTEL:**  
N/P

**Code:**

**Respiratory Protection:**  
ATMOSPHERIC LEVELS SHO

PROTECTION IS REQUIRED FOR CERTAIN OPERATIONS, USE AN APPROVED AIR-PURIFYING RESPIRATOR.

**Ventilation:**  
PROVIDE GENERAL AND/OR LOCAL EXHAUST VENTILATION TO CONTROL AIRBORNE LEVELS BELOW THE EXPOSURE GUIDELINES.

**Protective Gloves:**  
IMPERVIOUS GLOVES (PROLONGED/FREQUENT)

**Eye Protection:**  
USE SAFETY GLASSES.

**Other Protective Equipment:**  
Equipment 5 FOR BRIEF CONTACT, NO PRECAUTION OTHER THAN CLEAN BODY-COVERING CLOTHING SHOULD BE NEEDED.

**Work Hygienic Practices:**  
DOW INDUST HYGIENE GUIDE 2MG/M3 AS ACID EQUIVALENT ,SKIN-3,5,6-TRICHLORO-2-PYRIDINYLOXYACETIC ACID, BUTOXYETHYL ESTER.###

**Supplemental Safety and Health:**  
## SUPPORTIVE CARE. TREATMENT BASED ON JUDGMENT OF THE PHYSICIAN IN RESPONSE TO REACTIONS OF THE PATIENT. REPEATED EXCESSIVE EXPOSURE MAY AGGRAVATE PREEXISTING LIVER AND KIDNEY DISEASE. ####DOW INDUSTRIAL HYGIENE GUIDE IS 10 MG/M3 FOR KEROSENE.

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## Health Hazards Data

**LD50LC50Mixture:**  
ORAL LD50RAT:MG L/G\*\*

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

**Skin:**  
YES

**Ingestion:**  
YES

**Carcinogenicity Inds - NTP:**  
NO

**IARC:**  
NO

**OSHA:**  
NO

**Health Hazards Acute And Chronic:**  
3 EYE: SLIGHT TEMPORARY IRRITATION. SKIN: PROLONGED/REPEATED: IRRITATION. PROLONGED/FREQUENT: ALLERGIC REACTIONS. ABSORPTION: REPEATED EXPOSURE: HARMFUL. INGESTION: LARGE AMOUNTS: INJURY. ASPIRATION (LI Q ENTERS LUNGS) MAY CAUSE LUNG DAMAGE/DEATH (CHEMICAL PNEUMONIA). INHAL: UPPER RESP IRRIT, CENTRAL NERV SYSTEM EFFECTS #

**Explanation Of Carcinogenicity:**  
DID NOT CAUSE CANCER IN LONG-TERM ANIMAL STUDIES. \*\*LD50 DERMAL RABBITS: >2,000 MG/KG.

**Signs And Symptoms Of Overexposure:**  
# SYSTEMIC (TARGET ORGAN) EFFECTS: REPEATED OVEREXPOSURE: LIVER, KIDNEY, BLOOD EFFECTS. TERATOLOGY (BIRTH DEFECTS): UNLIKELY. EXPOSURES HAVING NO EFFECT ON MOTHER SHOULD HAVE NO EFFECT ON FETUS. DID NOT CAUSE BIRTH DEFECTS IN ANIMALS. EFFECTS WERE SEEN ONLY IN FETUS ONLY AT DOSES WHICH CAUSED TOXIC EFFECTS TO MOTHER.

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

**First Aid:**  
EYES: IRRIGATE IMMEDIATELY W/WATER FOR AT LEAST 5 MINUTES. SKIN: WASH OFF IN FLOWING WATER OR SHOWER. INGESTION: DO NOT INDUCE VOMITING. CALL A PHYSICIAN AND/OR TRANSPORT TO EMERGENCY FACILITY IMMEDIATELY. INHALATION: REMOVE TO FRESH AIR IF EFFECTS OCCUR. CONSULT A PHYSICIAN. NOTE TO DR: DECISION TO INDUCE VOMIT MADE BY DR. WEIGH DANGER FROM LUNG ASPIRATION W/TOXICITY. NO SPECIFIC ANTIDOTE. ##

**Spill Release Procedures:**

**Neutralizing Agent:** \_\_\_\_\_

<b>Waste Disposal Methods:</b> IN CASE OF LARGE SPILLS, CONTACT THE DOW CHEMICAL COMPANY. BURY CLEAN-UP MATERIALS FROM SMALL SPILLS IN AN APPROVED LANDFILL IN ACCORDANCE WITH APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.	
<b>Handling And Storage Precautions:</b> KEEP OUT OF REACH OF CHILDREN. DO NOT USE NEAR HEAT OR OPEN FLAME. AVOID CONTACT WITH EYES, SKIN OR CLOTHING.	
<b>Other Precautions:</b> 4 DO NOT SHIP OR STORE WITH FOOD, FEEDS, DRUGS, OR CLOTHING. DO NOT CONTAMINATE WATER, FOOD, FEED BY STORAGE OR DISPOSAL.	
<b>Fire and Explosion Hazard Information</b>	
<b>Flash Point Method:</b> TCC	
<b>Flash Point:</b>	
<b>Flash Point Text:</b> 147F,64C	
<b>Autoignition Temp:</b>	
<b>Autoignition Temp Text:</b> N/K	
<b>Lower Limits:</b> N/K	
<b>Upper Limits:</b> N/K	
<b>Extinguishing Media:</b> WATER FOG, FOAM, CO2, AND DRY CHEMICAL	
<b>Fire Fighting Procedures:</b> USE POSITIVE PRESSURE SELF-CONTAINED BREATHING APPARATUS.	
<b>Unusual Fire/Explosion Hazard:</b> COMBUSTIBLE.	

**HCC:**

**NRC/State LIC No:**  
N/K

**Net Prop WT For Ammo:**

**Boiling Point:**

**B.P. Text:**  
>302F,>150C

**Melt/Freeze Pt:**

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

**Decomp Temp:**

**Decomp Text:**  
N/K

**Vapor Pres:**  
0.1@37.8C\*

**Vapor Density:**  
>1

**Volatile Org Content %:**

**Spec Gravity:**  
1.08

**VOC Pounds/Gallon:**

**PH:** N/K

**VOC Grams/Liter:**

**Viscosity:**  
N/K

**Evaporation Rate & Reference:**  
N/K \*(KEROSENE)

**Solubility in Water:**  
EMULSIFIES

**Appearance and Odor:**  
AMBER LIQUID.

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

**Corrosion Rate:**  
N/K

**Residue by Weight:**

**Stability Indicator:**  
N/P 6

**Stability Condition To Avoid:**  
COMBUSTIBLE. AVOID SOURCES OF IGNITION IF TEMPERATURE IS NEAR OR ABOVE FLASH POINT.

**Materials To Avoid:**  
OXIDIZING MATERIAL

**Hazardous Decomposition Products:**  
NITROGEN OXIDES, HYDROGEN CHLORIDE, AND PHOSGENE MAY RESULT UNDER FIRE CONDITIONS.

**Hazardous Polymerization Indicator:**  
NO

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

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## Toxicological Information

**Information:**N/P

MSDS Transport Information	
5.1	UN 3077

## Regulatory Information

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

**Federal Regulatory Information:** N/P

**State Regulatory Information:** N/P

Other Information

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Other Information:N/P

**LôôkChem**<sup>TM</sup>  
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**WARRANTY**  
The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any

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