

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-94/94-75-7.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
94-75-7

**Code:**  
M

**RTECS:**  
AG6825000

**Code:**  
M

**Name:**  
2,4-D (DICHLORYLPHENOXYACETIC ACID) (SARA III)

**Other REC Limits:**  
N/P

**OSHA PEL:**  
10 MG/M3

**Code:**  
M

**OSHA STEL:**

**Code:**

**ACGIH TLV:**  
10 MG/M3; 9192

**Code:**  
M

**ACGIHSTEL:**  
N/P

**Code:**

## Control Measures

**Respiratory Protection:**  
FOR ISOPROPANOL USE NIOSH/MSHA APPRVD ORGANIC VAP RESPIRATOR IF NEC.

**Ventilation:**  
RECM LOCAL VENTILATION TO KEEP BELOW TLV LIMITS

**Protective Gloves:**  
YES

**Eye Protection:**  
SAFETY GLAS W/O SIDE SHLD

**Other Protective Equipment:**  
Equipment CLEAN, BODY-COVERING CLOTHING. EYE WASH WASHING FACILITIES

**Work Hygienic Practices:**  
N/P

**Supplemental Safety and Health:**  
FLASH PT:114F TCC; NONE BY TOC UP TO 200 F. EFFCT OVEREXPOS:INH:LOW VAP TOX. REMOVE TO FRESH AIR. CALL MD. INGEST:LOW TOX;INDUCE VOMIT FOR LG AMT. RARE CASES OF HYPERSENSIT TO 2,4-D FORMUL

## Health Hazards Data

**LD50LC50Mixture:**  
N/P

**Route Of Entry Inds - Inhalation:**  
N/P

**Skin:**  
N/P

**Ingestion:**  
N/P

**Carcinogenicity Inds - NTP:**  
N/P

**IARC:**  
N/P

**OSHA:**  
N/P

**Health Hazards Acute And Chronic:**  
N/P

**Explanation Of Carcinogenicity:**  
N/P

**Signs And Symptions Of Overexposure:**  
EYE:MOF IRRIT,SLIGHT TO MOD CORNEAL INJURY; EFFECTS SHOULD HEAL W/TIME. SKIN:IRRIT,MILD-MOD BURN

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

**First Aid:**  
EYES:FLUSH W/WATER IMMED & CONTINUOUSLY FOR 15 MIN. GET MED ATTN. SKIN:IMMED FLUSH W/PLENTY OF WATER AT LEAST 15 MIN WHILE REMOVING CONTAM CLOTHES. CALL MD IF NEC. WASH CLOTHES BEFORE REUSE.DESTROY CO NTAM SHOES. (SEE SUPP DATA & OTHER PRECAUTION 4

**Spill Release Procedures:**  
ABSORB SPILLS W/ INERT MATERIAL SUCHAS SAND OR SAWDUST. IN CASE OF LG SPILLS, DIKE AREA TO CONTAIN. CONSULT MFR FOR CLEAN-UP.

**Neutralizing Agent:**  
N/P

**Waste Disposal Methods:**  
DISPOSE IAW FED,STATE & LOCAL CODES. MUST BE AWAY FROM WATER SUPPLIES.

**Handling And Storage Precautions:**  
AVOID CONTACT W/SKIN,EYES & CLOTHING. WASH WELL AFTER HANDLING. KEEP CONTAINER CLSD. KEEP FROM IGNIT SOURCES. KEEP FROM FOOD, DRUGS,CLOTHING & WATER.

**Other Precautions:**  
NOTE TO MD: EYE: STAIN FOR EVIDENCE OF CORNEAL INJURY. IF BURNED,INSTILL ANTIBIOTIC STEROID PREP FREQ. CALL OPHTHALMOLOGIST. SKIN:IF IRRIT TREAT AS DERMAT. IF BURNED TREAT AS THERMAL BURN.

## Fire and Explosion Hazard Information

**Flash Point Method:**  
N/P

**Flash Point:**

**Flash Point Text:**  
SEE SUPP DATA

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/A

**Lower Limits:**

**Upper Limits:**

**Extinguishing Media:**  
WATER FOG,ALCOHOL FOAM, CO\*2,DRY CHEMICAL

**Fire Fighting Procedures:**  
SELF-CONTAINED AIR SUPPLY. AVOID POSS CONTAM OF WATER SUPPLY

**Unusual Fire/Explosion Hazard:**  
KEEP AWAY FROM POSSIBLE SOURCES OF IGNITION. 5

## Physical/Chemical Properties

**HCC:**  
T3

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

**Net Prop WT For Ammo:**

**Boiling Point:**

**B.P. Text:**  
1BP 180F

**Melt /Freeze Pt:**

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

**Decomp Temp:**

**Decomp Text:**  
N/A

**Vapor Pres:**  
32

**Vapor Density:**  
N/P 6

**Volatile Org Content %:**

**Spec Gravity:**  
1.143

**VOC Pounds/Gallon:**

**PH:** N/P

**VOC Grams/Liter:**

**Viscosity:**  
N/P

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

**Solubility in Water:**  
COMPLETE

**Appearance and Odor:**  
DARK BROWN LIQUID

**Percent Volatiles by Volume:**  
50

**Corrosion Rate:**  
N/P

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
COMBUSTIBLE,AVOID IGNITION SOURCES

**Materials To Avoid:**  
CONSULT MFR FOR SPECIFIC

**Hazardous Decomposition Products:**  
HYDROGEN CHLORIDE NITROGEN OXIDES UNDER FIRE CONDITIONS

**Hazardous Polymerization Indicator:**  
NO

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

## 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