

# 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

**ACGIH STEL:**

N/P

**Code:**

## Control Measures

**Respiratory Protection:**

FOR ISOPROPANOL USE NIOSH/MSHA APPROVED 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. EFFECT OVEREXPOSURE: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

**LD50/LC50 Mixture:**

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 Symptoms 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 CONTAM 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<sub>2</sub>,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:**

50

**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 %:**

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



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