

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-191/1910-42-5.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**

1910-42-5

**Code:**

M

**RTECS:**

DW2275000

**Code:**

M

**Name:**

PARAQUAT (SARA III)

**Other REC Limits:**

N/P

**OSHA PEL:**

S,0.5 MG/M3; RDUST

**Code:**

M

**OSHA STEL:****Code:****ACGIH TLV:**

0.5 MG/M3;0.1 RDUST

**Code:**

M

**ACGIH STEL:**

N/P

**Code:**

## Control Measures

**Respiratory Protection:**

IF NEEDED,USE MSHA,NIOSH APPROVED RESPIRATOR FOR PESTICIDES.

**Ventilation:**

USE LOCAL EXHAUST IF TLV IS EXCEEDED

**Protective Gloves:**

IMPERVIOUS

**Eye Protection:**

GOGGLES/FACE SHIELD

**Other Protective Equipment:**

Equipment EYE WASH STATION. APRONS. SPECIAL IMPERVIOUS CLOTHING.

**Work Hygienic Practices:**

N/P

**Supplemental Safety and Health:**

MSDS FROM ICI CHEM CO NO 5756 EFFECTIVE:1/7/87.

## Health Hazards Data

**LD50/LC50 Mixture:**

N/P

**Route Of Entry Inds - Inhalation:**

YES

**Skin:**

YES

**Ingestion:**

YES

**Carcinogenicity Inds - NTP:**

N/P

**IARC:**

N/P

**OSHA:**

N/P

**Health Hazards Acute And Chronic:**

INHAL POTENTIAL OF SPRAY MIST. INGEST/SKIN CONTACT W/CONCENTRATE GREATEST POTENTIAL HAZ-CAN RESULT IN SYSTEMIC POISONING WHICH IS SEVERE,PROGRESSIVE & FREQ TERMINATES IN IRREVERSIBLE LUNG DAMAGE & DEATH.

**Explanation Of Carcinogenicity:**

N/P

**Signs And Symptoms Of Overexposure:**

EYES: MAY IRRIT;SKIN: REPEATD CONTACT MAY CAUSE ULCER/EDEMA; INGEST: GRAVE POISON/DEATH; INHAL: AS INGEST

**Medical Cond Aggravated By Exposure:**

N/P

**First Aid:**

SKIN-REMOVE CONTAM CLOTH/SHOES;WASH THOROUGHLY W/SOAP & WATER;GET MED ATTN. EYE-FLUSH W/WATER 15 MIN;GET TREAT BY EYE SPECIALIST. INHAL-GET TO FRESH AIR & IMMED MED ATTN. INGEST-GIVE WATER;INDUCE VOMIT GIVE BENTONITE,ACTIVATED CHARCOAL OR FULLER'S 3 EARTH-NO EFFECT ANTIDOTE FOR ORAL POISONING-PROMPT TREAT ESSENTIAL. FURTHER INFO-ICI MED EMER TRMT. CALL 800-327-8633.

**Spill Release Procedures:**

WEAR EYE PROTECT,PROTECT EQUIP. RESPIR PROTECT DURING CLEANUP. MIX W/GENEROUS AMT CLAY/CLAY CONTAINING SOIL,SHOVEL INTO WASTE CONTNR. UNTREATED SPILLED MATL CAN DRY TO HIGHLY IRRITAT DUST.

**Neutralizing Agent:**

N/P

**Waste Disposal Methods:**

DO NOT CONTAM WATERWAYS,STREAMS, PONDS WHEN CLEAN EQUIP/DISPOS OF WASTE. NOT RCRA WASTE BUT RECOMMEND DISPOSAL IN A PERMITTED WASTE FACILITY.

**Handling And Storage Precautions:**

STORE IN COOL,DRY,WELL VENTILATED AREA. PROTECT FROM PHYSICAL DAMAGE.AVOID ANY PHYSICAL CONTACT. KEEP CONTAINERS TIGHTLY CLOSED

**Other Precautions:**

STORE ABOVE 32F IN WELL MARKED CONTNRS.KEEP OUT OF LAKES/STREAMS/POONDS.AVOID SKIN & EYE CONTACT.WASH THOROUGHLY AFTER HANDLING.LAUNDER WORK CLOTHES(IF CONTAMINATED) BEFORE REUSE.

## Fire and Explosion Hazard Information

**Flash Point Method:**

N/P

**Flash Point:**

N/A

**Flash Point Text:**

NONE

**Autoignition Temp:**

N/A

**Autoignition Temp Text:**

N/A

**Lower Limits:**

N/R

**Upper Limits:**

N/R

**Extinguishing Media:**

EXTINGUISH WITH AGENT SUITABLE FOR SURROUNDING FIRE

**Fire Fighting Procedures:**

WEAR SLF-CONTND BREATH APPARATUS W/FULL FACEPIECE & PROTECT CLOTHING. 4

**Unusual Fire/Explosion Hazard:**

HIGHLY TOXIC SMOKE,VAPORS,FALLOUT,& RUNOFF WATER

## Physical/Chemical Properties

**HCC:**

T5

**NRC/State IC No:**

N/P

**Net Prop WT For Ammo:**

N/P

**Boiling Point:**

N/A

**B.P./101°C:**

N/A

**Melt/Freeze Pt:**

N/A

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

N/A

**Decomp Temp:**

N/A

**Decomp Text:**

N/A

**Vapor Pres:**

N/A

**Vapor Density:**

N/A

**Volatile Org Content %:**

N/A

**Spec Gravity:**

1.065

**VOC Pounds/Gallon:**

N/A

**PH:**

N/P

**VOC Grams/Liter:**

N/A

**Viscosity:**

N/P

**Evaporation Rate & Reference:**

N/A

**Solubility in Water:**

COMPLETE

**Appearance and Odor:**

CLEAR,DARK GREENISH BROWN LIQUID W/STRONG PUNG ODR

**Percent Volatiles by Volume:**

N/K

**Corrosion Rate:**

N/P

**Other Information:**

N/P

## Reactivity Data

**Stability Indicator:**

YES

**Stability Condition To Avoid:**

EXCESSIVE HEAT

**Materials To Avoid:**

ACID

**Hazardous Decomposition Products:**

EMITS HCl,Cl\*2,CO\*2,CO,PHOSGENE,NH\*2,NITROGEN OXIDES

**Hazardous Polymerization Indicator:**

NO

**Conditions To Avoid Polymerization:**

NOT KNOWN

## Toxicological Information

**Information:**

N/P

## Regulatory Information

**Sara Title III Information:**

N/P

**Federal Regulatory Information:**

N/P

**State Regulatory Information:**

N/P

**Other Information:**

N/P

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THE ABOVE INFORMATION IS BELIEVED TO BE CORRECT BUT DOES NOT PURPORT TO BE "INCLUSIVE" AND SHALL NOT

BE APPLICABLE TO THE PRODUCT WITH REGARD TO APPROPRIATE SAFETY PRECAUTIONS. IT DOES NOT REPRESENT ANY

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FROM HANDLING OR FROM CONTACT WITH THE ABOVE PRODUCT. SEE REVERSE SIDE OF INVOICE OR PACKING SLIP FOR ADDITIONAL

TERMS AND CONDITIONS OF SALE.

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