

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-638/6385-62-2.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
6385-62-2

**Code:**  
M

**RTECS:**

**Code:**  
X

**Name:**  
DIQUATE DIBROMIDE MONOHYDRATE; 6,7-DIHYDRODIPYRID

**Other REC Limits:**

N/K

**OSHA PEL:**

N/K

**Code:**

M

**OSHA STEL:**

**Code:**

**ACGIH TLV:**

0.5 MG/CUM

**Code:**

M

**ACGIH STEL:**

N/P

**Code:**

## Control Measures

**Respiratory Protection:**

USE APPROPRIATE OSHA/MSHA APPROVED SAFETY EQUIPMENT.

**Ventilation:**

HANDLE ONLY IN A HOOD

**Protective Gloves:**

N/K

**Eye Protection:**

EYE SHIELDS

**Other Protective Equipment:**

Equipment N/K

**Work Hygienic Practices:**

N/K

**Supplemental Safety and Health:**

N/K

## Health Hazards Data

**LD50/LC50 Mixture:**

ORAL RATS LD50: 231 MG/KG

**Route Of Entry Inds - Inhalation:**

YES

**Skin:**

YES

**Ingestion:**

YES

**Carcinogenicity Inds - NTP:**

NO

**IARC:**

NO

**OSHA:**

NO

**Health Hazards Acute And Chronic:**

EYES: IRRITATION. INHALATION: IRRITATION TO RESPIRATORY TRACT/MUCOUS MEMBRANES, HARMFUL. SKIN: IRRITATION, CAN BE HARMFUL IF ABSORBED. INGESTION: HARMFUL, GASTROINTESTINAL DISTURBANCES.

**Explanation Of Carcinogenicity:**

NONE

**Signs And Symptoms Of Overexposure:**

EYES: IRRITATION. INHALATION: IRRITATION TO RESPIRATORY TRACT/MUCOUS MEMBRANES, HARMFUL. SKIN: IRRITATION, CAN BE HARMFUL IF ABSORBED. INGESTION: HARMFUL, GASTROINTESTINAL DISTURBANCES.

**Medical Cond Aggravated By Exposure:**

N/K

**First Aid:**

EYES/SKIN: FLUSH W/WATER FOR 15-20 MINS. INHALATION: REMOVE TO FRESH AIR. IF DIFFICULTY BREATHING, ADMINISTER OXYGEN. IF BREATHING HAS SPED, ADMINISTER CPR. INGESTION: INDUCE VOMITING. DON'T ADMINISTER LIQUID OR INDUCE VOMITING IF UNCONSCIOUS OR CONVULSING. OBTAIN MEDICAL ATTENTION IN ALL CASES. ANTIDOTE: GASTRIC LAVAGE, SALINE CATHARTICS, FORCED DIURESIS & SYMPTOMATIC TREATMENT.

**Spill Release Procedures:**

EVACUATE AREA. WEAR APPROPRIATE EQUIPMENT. VENTILATE AREA. SWEEP UP & PLACE IN AN APPROPRIATE CONTAINER. WASH CONTAMINATED SURFACES TO REMOVE ANY RESIDUES.

**Neutralizing Agent:**

N/K

**Waste Disposal Methods:**

BURN IN A CHEMICAL INCINERATOR EQUIPPED W/AN AFTERBURNER & SCRUBBER.

**Handling And Storage Precautions:**

KEEP TIGHTLY CLOSED IN A COOL DRY PLACE. STORE ONLY W/COMPATIBLE CHEMICALS. THIS COMPOUND IS CONSIDERED TO BE TOXIC. FOR LABORATORY USE ONLY.

**Other Precautions:**

DON'T WEAR CONTACT LENSES. AVOID DIRECT PHYSICAL CONTACT. CORROSIVE. AVOID CONTACT W/SKIN, EYES & CLOTHING. MAY NOT BE USED AS DRUGS, COSMETICS, AGRICULTURAL OR PESTICIDAL 2 PRODUCTS, FOOD ADDITIVES OR AS HOUSEHOLD CHEMICALS.

## Fire and Explosion Hazard Information

**Flash Point Method:**

N/P

**Flash Point:**

**Flash Point Text:**

N/K

**Autoignition Temp:**

**Autoignition Temp Text:**

N/A

**Lower Limits:**

N/K

**Upper Limits:**

N/K

**Extinguishing Media:**

CO2, DRY CHEMICAL POWDER OR SPRAY.

**Fire Fighting Procedures:**

N/K

**Unusual Fire/Explosion Hazard:**

N/K

## Physical/Chemical Properties

**HCC:**

**NRC/State LIC No:**

3

**Net Prop WT For Ammo:**

N/P

**Boiling Point:**

**B.P. Text:**

**Melt/Freeze Pt.:**

**Decomp Temp:**

**Decomp Text:**

**Vapor Pres:**

N/K

**Vapor Density:**

N/K

**Volatile Org Content %:**

**Spec Gravity:**

N/K

**VOC Pounds/Gallon:**

**PH:** N/K

**VOC Grams/Liter:**

**Viscosity:**

N/P

**Evaporation Rate & Reference:**

COMPLETE

**Appearance and Odor:**

COLORLESS TO YELLOW, CRYSTALLINE SOLID.

**Percent Volatiles by Volume:**

N/K

**Corrosion Rate:**

N/K

**Stability Indicator:**

YES

**Stability Condition To Avoid:**

N/K

**Materials To Avoid:**

IRON, ZINC & OTHER LIGHT METALS, CORRODES STEEL, COPPER, MERCURY OR ALKALINE PESTICIDES.

**Hazardous Decomposition Products:**

N/K

**Hazardous Polymerization Indicator:**

NO

**Conditions To Avoid Polymerization:**

N/K

## Toxicological Information

**Information:**

**MSDS Transport Information:**

**Information:**

**Regulatory Information:**

**Information:**

**State Regulatory Information:**

**Information:**

**Other Information:**

**Information:**

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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 guarantee of the properties of the product. LookChem shall not be held liable for any damage resulting 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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