

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-243/2437-29-8.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**

2437-29-8

**Code:**

M

**RTECS:**

BQ1190000

**Code:**

M

**Name:**

MALACHITE GREEN

**Other REC Limits:**

NONE RECOMMENDED

**OSHA PEL:**

NOT ESTABLISHED

**Code:**

M

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

NOT ESTABLISHED

**Code:**

M

**ACGIH STEL:**

N/P

**Code:**

## Control Measures

**Respiratory Protection:**

NONE SPECIFIED BY MFG. HOWEVER USE APPROPRIATE NIOSH/MSHA APPROVED RESP AS CONDITIONS WARRANTS.

**Ventilation:**

PROVIDE ADEQUATE GENERAL MECHANICAL AND LOCAL EXHAUST VENTILATION.

**Protective Gloves:**

REQUIRED FOR SKIN PROTECTION.

**Eye Protection:**

SAFETY GOGGLES.

**Other Protective Equipment:**

Equipment PROTECT EYES/SKIN/CLOTHING.

**Work Hygienic Practices:**

WASH CONTAMINATED CLOTHING BEFORE REUSE. WASH THOROUGHLY AFTER HANDLING. 3

**Supplemental Safety and Health:**

KEY1:N1. 3 COMPONENT KIT:SEE SAME NSN PART A & B.

## Health Hazards Data

**LD50/LC50 Mixture:**

UNKNOWN

**Route Of Entry Inds - Inhalation:**

YES

**Skin:**

YES

**Ingestion:**

NO

**Carcinogenicity Inds - NTP:**

NO

**IARC:**

NO

**OSHA:**

N/K

**Health Hazards Acute And Chronic:**

MAY CAUSE BURNS, EYE DAMAGE, BLINDNESS, COUGHING, CHEST PAIN, DAMAGE TO NASAL & RESPIRATORY PASSAGES, MUCOUS MEMBRANES, THROAT TISSUE, NAUSEA & VOMITING.

**Explanation Of Carcinogenicity:**

N/P

**Signs And Symptoms Of Overexposure:**

BURNS, EYE DAMAGE, BLINDNESS, COUGHING, CHEST PAINS, DAMAGE TO NASAL & RESP PASSAGES, MUCOUS MEMBRANES, THROAT TISSUE, NAUSEA, VOMITING.

**Medical Cond Aggravated By Exposure:**

NONE SPECIFIED BY MFG.

**First Aid:**

SKIN:WASH W/SOAP & COPIOUS AMTS OF WATER. EYE:WASH W/COPIOUS AMTS OF WATER FOR 15MINS. SEEK MED ATTN.

INHAL:REMOVE TO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL RESPIRATION; IF BREATHING IS DIFFICULT GIVE OXYGEN. SEEK MED ATTN. INGEST:DO NOT INDUCE VOMITING. GIVE WATER OR MILK OF MAGNESIA. SEEK MED ATTN IMMED. IN ALL CASES OF OVEREXOSURE SEEK MED ATTN.

**Spill Release Procedures:**

VENTILATE AREA. PICK UP USING SODIUM BICARBONATE AND WATER. WASH AREA AFTER PICKED UP.

**Neutralizing Agent:**

NOT APPLICABLE 2

**Waste Disposal Methods:**

OBSERVE ALL PROVINCIAL, LOCAL, STATE AND FEDERAL REGULATIONS.

**Handling And Storage Precautions:**

KEEP CONTAINER TIGHTLY CLOSED. STORE IN COOL DRY AREA. PROTECT FROM PHYSICAL DAMAGE.

**Other Precautions:**

ABAOIV PROLONGED OR REPEATED INHALATION OF VAPOR.

## Fire and Explosion Hazard Information

**Flash Point Method:**

N/P

**Flash Point:****Flash Point Text:**

NOT FLAMMABLE

**Autoignition Temp:****Autoignition Temp Text:**

N/K

**Lower Limits:**

N/K

**Upper Limits:**

N/K

**Extinguishing Media:**

WATER SPRAY, CARBON DIOXIDE, DRY CHEMICAL POWDER TO COOL FIRE-EXPOSED CONTAINERS. USE APPROPRIATE EXT MED FOR CONDITIONS

**Fire Fighting Procedures:**

WEAR SELF-CONTAINED POSITIVE-PRESSURE BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING.

**Unusual Fire/Explosion Hazard:**

EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

## Physical/Chemical Properties

**HCC:**

N1

**NRC/State LIC No:**

N/R

**Net Prop WT For Ammo:**

N/P

**Boiling Point:**

N/K

**B.P. Text:**

N/K

**Melt/Freeze Pt:**

N/K

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

N/K

**Decomp Temp:**

N/K

**Decomp Text:**

N/K

**Vapor Pres:**

N/K

**Vapor Density:**

N/K

**Volatile Org Content %:**

N/K

**Spec Gravity:**

N/K

**VOC Pounds/Gallon:**

N/K

**PH:**

N/K

**VOC Grams/Liter:**

N/K

**Viscosity:**

N/K

**Evaporation Rate & Reference:**

N/K

**Solubility in Water:**

N/K

**Appearance and Odor:**

OPAQUE GREEN LIQUID, PUNGENT ODOR.

**Percent Volatiles by Volume:**

N/K

**Corrosion Rate:**

N/K

## Reactivity Data

**Stability Indicator:**

YES

**Stability Condition To Avoid:**

HEAT, SPARKS, OPEN FLAMES.

**Materials To Avoid:**

ACIDS, OXIDIZERS, STRONG ALKALIES, MOST METALS, AMINES, NITRIC ACID.

**Hazardous Decomposition Products:**

NO

**Conditions To Avoid Polymerization:**

NOT APPLICABLE

## 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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N/P

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N/K

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**Vapor Pres:**

N/K

**Vapor Density:**

N/K

**Volatile Org Content %:**

N/K

**Spec Gravity:**

N/K

**VOC Pounds/Gallon:**

N/K

**PH:**

N/K

**VOC Grams/Liter:**