

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-772/7722-64-7.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**

7722-64-7

**Code:**

M

**RTECS:**

SD6475000

**Code:**

M

**Name:**

POTASSIUM PERMANGANATE (SARA 313) (CERCLA)

**Other REC Limits:**

NONE RECOMMENDED

**OSHA PEL:**

C 5 MG(MN)/M3

**Code:**

M

**OSHA STEL:**

**Code:**

**ACGIH TLV:**

5 MG(MN)/M3; 9596

**Code:**

M N/P

**ACGIH STEL:**

EPA Rpt Qty: 100 LBS DOT Rpt Qty: 100 LBS Ozo

**Code:**

1 ACGIH STEL:

## Control Measures

**Respiratory Protection:**

NONE NEEDED UNDER NORMAL CONDITIONS OF USE W/ADEQUATE VENTILATION.NIOSH APPROVED EQPMT SHOLD BE WORN IF PELS ARE EXCEEDED.

**Ventilation:**

LOCAL EXHAUST: YES.MECHANICAL(GEN): YES.SPECIAL/OTHER: NO.

**Protective Gloves:**

RUBBER,NEOPRENE,PVC OR EQUIVALENT

**Eye Protection:**

SPLASH PROOF CHEM SAF GOGGLES @ALL TIMES

**Other Protective Equipment:**

Equipment LAB COAT,EYE WASH,SAFETY SHOWER.

**Work Hygienic Practices:**

LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

**Supplemental Safety and Health:**

1STAID:S BREATH GIVE ART RESP.KEEP PERSON WARM/QUIET.GET MED ATTN.

## Health Hazards Data

**LD50/LC50 Mixture:**

ORAL RAT LD50:1090MG/KG

**Route Of Entry Inds - Inhalation:**

YES

**Skin:**

NO

**Ingestion:**

YES

**Carcinogenicity Inds - NTP:**

NO

**IARC:**

NO

**OSHA:**

NO

**Health Hazards Acute And Chronic:**

HARMFUL IF SWALLOWED.EYE: MAY CAUSE IRRIT.SKIN: MAY CAUSE IRRIT.INGEST: MAY CAUSE GASTROINTESTINAL DISCOMFORT.INHAL: MAY CAUSE IRRIT TO RESPIRATORY TRACT.CHRONIC: NONE.

**Explanation Of Carcinogenicity:**

PER MSDS: NOT LISTED AS CAUSING CANCER BY IARC/NTP/OSHA.

**Signs And Symptoms Of Overexposure:**

HARMFUL IF SWALLOWED.EYE/SKIN/RESP TRACT IRRIT.GI DISCOMFORT.

**Medical Cond Aggravated By Exposure:**

EXCESSIVE INHAL IS IRRITATING, MAY CAUSE PERFORATED SEPTUM.SEVERE IRRIT OR BURNS ON EYES/SKIN.TARGET ORGANS:RESPIRATORY SYSTEM,CENTRAL NERVOUS SYSTEM,BLOOD,KIDNEYS.

**First Aid:**

EYE:FLUSH W/WATER FOR @LEAST 15MINS,RAISE/LOWER EYELIDS OCCASIONALLY.IRRIT PERSISTS GET MED ATTN.SKIN:THOROUGHLY WASH EXPO AREA FOR @LEAST 15MINS.REMOVE CONTAM CLOTH.IRRIT PERSISTS GET MED ATTN.INGEST :IF CONSC GIVE PLENTY OF WATER,INDUCE VOMIT IMMED AS DIRECTED BY MED PERSONNEL. IMMED CALL DR/POIS CNTRL CNTR.UNCONSC NEVER GIVE ANYTHING BY MOUTH.INHAL:REMOVE TO FRESH AIR.BREATH DIFFI GIVE OXY;(SUPP)

**Spill Release Procedures:**

VENTILATE AREA OF SPILL.CLEANUP PERSONNEL SHOULD WEAR PROPER PROTECTIVE EQPMT.AVOID CREATING DUST.SWEEP OR SCOOP UP & CONTAINERIZE FOR DISPOSAL.

**Neutralizing Agent:**

NONE SPECIFIED BY MANUFACTURER.

**Waste Disposal Methods:**

EPA WASTE#:D001.DISPPOSE IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.ALWAYS CONTACT PERMITTED WASTE DISPOSER(TSD)TO ASSURE COMPLIANCE.NO SARA/CERCLA/RCRA CHEMS.CERCLA SEC 103 RQ:MANGANESE COMPOUND 100LBS.

**Handling And Storage Precautions:**

KEEP CNTNR TIGHTLY CLOSED.STORE SEPARATELY AND AWAY FROM FLAMM AND COMBUSTIBLE MATLS.

**Other Precautions:**

KEEP OUT OF REACH OF CHILDREN.

## Fire and Explosion Hazard Information

**Flash Point Method:**

**Flash Point:**

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**Flash Point Text:**

NA

**Autoignition Temp:**

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**Autoignition Temp Text:**

NA

**Lower Limits:**

NA

**Upper Limits:**

NA

**Extinguishing Media:**

USE DRY CHEMICAL, CO2 OR APPROPRIATE FOAM.

**Fire Fighting Procedures:**

FIREFIGHTERS SHOULD WEAR FULL PROTECTIVE EQPMT & NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS.

**Unusual Fire/Explosion Hazard:**

CONTACT W/COMBUSTIBLE MATERIAL MAY CAUSE FIRE.STRONG OXIDIZER.CONTACT W/COMBUSTIBLE MATLS,FLAMM MATLS,OR POWDERED METALS CAN CAUSE FIRE OR EXPLOSION.

## Physical/Chemical Properties

**HCC:**

DI

**NRC/State LTC No:**

N/R

**Net Prop WT For Ammo:**

N/A

**Boiling Point:**

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**B.P. Text:**

NA

**Melt/Freeze Pt:**

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**Decomp Text:**

NP

**Vapor Pres:**

NA

**Vapor Density:**

5.40

**Volatile Org Content %:**

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**Spec Gravity:**

2.70

**VOC Pounds/Gallon:**

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**PH: N/P**

**VOC Grams/Liter:**

NA

**Viscosity:**

NA

**Evaporation Rate & Reference:**

NA

**Solubility in Water:**

MODERATE(1-10%)

**Appearance and Odor:**

DARK PURPLE TO BRONZE CRYSTALS,ODORLESS

**Percent Volatiles by Volume:**

0

**Corrosion Rate:**

NA

**Reactive Polymerization Indicator:**

NO

**NOT Applicable To Avoid Polymerization:**

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## Reactivity Data

**Stability Indicator:**

YES

**Stability Condition To Avoid:**

HEAT

**MATERIALS To Avoid:**

ORGANIC MATERIALS,COMBUSTIBLE MATERIALS,STRONG REDUCING AGENTS,STRONG ACIDS,PEROXIDES,ALCOHOLS,CHMICALLY ACTIVE METALS.

**Hazardous Decomposition Products:**

NA

**Hazardous Polymerization Indicator:**

NO

**NOT Applicable To Avoid Polymerization:**

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## Toxicological Information

**Information:**

N/P

**Information:**

N/P

## Regulatory Information

**Sara Title II Information:**

N/P

**Federal Regulatory Information:**

N/P

**State Regulatory Information:**

N/P

## Other Information

**Other Information:**

N/P

**Information:**

N/P

**Information:**

N/P

**Information:**

N/P

**Information:**

N/P

**Information:**

N/P

**Information:**

N/P