

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-101/10101-50-5.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

10101-50-5

Code:

M

RTECS:

SD6650000

Code:

M

Name:

SODIUM PERMANGANATE

Other REC Limits:

N/K

OSHA PEL:

5 MG/CUM (MN)

Code:

M

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

5 MG/CUM (MN)

Code:

M

ACGIH STEL:

N/P

Code:

Control Measures

Respiratory Protection:

NIOSH APPROVED RESPIRATOR FOR VAPOR CONCENTRATIONS AT POINT OF USE.

Ventilation:

ADEQUATE TO MAINTAIN AIRBONE CONCENTRATIONS BELOW SPECIFIED EXPOSURE LIMITS.

Protective Gloves:

CHEMICAL RESISTANT

Eye Protection:

SAFETY GOGGLES

Other Protective Equipment:

Equipment IMPERVIOUS PROTECTIVE CLOTHING

Work Hygienic Practices:

REMOVE/LAUNDER CONTAMINATED CLOTHING.

Supplemental Safety and Health:

SODIUM PERMANGANATE MAY BECOME EXPLOSIVE W/SULFURIC ACID/PEROXIDES. DENSITY: 1.30-1.4 G/ML

Health Hazards Data

LD50LC50Mixture:

N/K

Route Of Entry Inds - Inhalation:

YES

Skin:

YES

Ingestion:

YES

Carcinogenicity Inds - NTP:

NO

IARC:

NO

OSHA:

N/K

Health Hazards Acute And Chronic:

VAPORS MAY CAUSE IRRITATION OF THE RESPIRATORY TRACT. SODIUM PERMANGANATE: EYES: CORROSIVE. SKIN: SEVERE BURNS, IRRITATION. INGESTION: SEVERE BURNS TO MOUTH, THROAT, & STOMACH. OVER EXPOSURE MAY LEAD TO MANGANESE POISONING WHICH EFFECTS THE CENTRAL NERVOUS SYSTEM.

Explanation Of Carcinogenicity:

NONE

Signs And Symptoms Of Overexposure:

EYES: SEVERE BURNS. INGESTION: NAUSEA, VOMITING, CONFUSION & CONVULSIONS.

Medical Cond Aggravated By Exposure:

N/K

First Aid:

INHALE: MOVE TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION/OXYGEN IF NOT OR DIFFICULTY BREATHING. EYES: IMMEDIATELY FLUSH W/WATER FOR 15 MINUTES. SKIN: IMMEDIATELY FLUSH W/WATER FOR 15 MINUTES WHILE REMOVING CLOTHING. COVER BURNS W/STERILE/DRYDRESSING. INGEST: IF CONSCIOUS, DILUTE BY GIVING LARGE AMOUNTS OF WATER/MILK. IF VOMITING OCCURS KEEP HEAD BELOW HIPS. OBTAIN MEDICAL ATTENTION IN ALL CASES.

Spill Release Procedures:

KEEP PEOPLE AWAY FROM HAZARD AREA. WEAR PROTECTIVE EQUIPMENT, RUBBER BOOTS/GLOVES/APRON. CONTAIN SPILL & ABSORB W/COMPATIBLE MATERIALS. PLACE RESIDUE IN CLEAN, DOT APPROVED CONTAINER.

Neutralizing Agent:

N/K

Waste Disposal Methods:

DISPOSE OF CONTAMINATED MATERIAL IN APPROVED MANNER. TO TREAT MATERIAL, REDUCE W/SODIUM THIOSULFATE & NEUTRALIZE. CONSULT APPROPRIATE FEDERAL/STATE/LOCAL REGULATORY AGENCIES TO ASCERTAIN PROPER DISPOSAL/TREATMENT PROCEDURES. NA 9193. D001.

Handling And Storage Precautions:

N/K

Other Precautions:

2 WEARING CONTACT LENSES WHEN WORKING W/CHEMICALS.

Fire and Explosion Hazard Information

Flash Point Method:

N/P

Flash Point:**Flash Point Text:**

212F

Mel/Freeze Pt:**Mel/Freeze Pt Text:**

N/K

Decomp Temp:**Decomp Text:**

N/K

Vapor Pres:

N/K

Vapor Density:

N/K

Volatile Org Content %:**Spec Gravity:**

N/K

VOC Pounds/Gallon:**PH:**

4-9

VOC Grams/Liter:**Viscosity:**

N/P

Evaporation Rate & Reference:

N/K

Solubility in Water:

COMPLETE

Appearance and Odor:

CLEAR, DARK VIOLET LIQUID, W/SLIGHT TO NO ODOR

Percent Volatiles by Volume:

N/K

Corrosion Rate:

N/K

Autoignition Temp:

N/A

Lower Limits:

N/R

Upper Limits:

N/R

Extinguishing Media:

DRY CHEMICAL, CO2, WATER SPRAY, FOAM

Fire Fighting Procedures:

FIREFIGHTERS SHOULD WEAR PROPER PROTECTIVE EQUIPMENT/CLOTHING. WATER SPRAY EXPOSED CONTAINERS TO COOL.

Unusual Fire/Explosion Hazard:

NONCOMBUSTIBLE MAY ACCELERATE BURNING OF COMBUSTIBLE MATERIALS. MAY REACT VIOLENTLY W/OXIDABLE SUBSTANCES. WILL IGNITE W/CLOTH OR WOOD. SEE SUPP

Physical/Chemical Properties

HCC:**NRC/State LC No:**

3

Net Prop WT For Ammo:

N/P

Boiling Point:**Boiling Point Text:**

212F

Mel/Freeze Pt:**Mel/Freeze Pt Text:**

N/K

Decomp Temp:**Decomp Text:**

N/K

Vapor Pres:

N/K

Vapor Density:

N/K

Volatile Org Content %:**Spec Gravity:**

N/K

VOC Pounds/Gallon:**PH:**

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VOC Grams/Liter:**Viscosity:**

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Corrosion Rate:

N/K

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N/R

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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:

N/P

Physical/Chemical Properties

HCC:**NRC/State LC No:**