

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

ACGIHSTEL:
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/SULFURINC 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:
NO

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 Symptions 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 REMOV ING 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 DISPOS AL/TREATMENT PROCEDURES. NA 9193. DO01.

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:
NONFLAMMABLE

Autoignition Temp:

Autoignition Temp Text:
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 BURING OF COMMBUSTIBLE MATERIALS. MAY REACT VIOLENTLY W/OXIDABLE SUBSTANCES. WILL IGNITE W/CLOTH OR WOOD. SEE SUPP

Physical/Chemical Properties

HCC:

NRC/State LIC No:
3

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
212F

Melt /Freeze Pt:

M.P/F.P 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

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
EXCESSIVE HEAT

Materials To Avoid:
ACID/PEROXIDE/OXIDIZABLE/COMBUSTIBLE MATERIAL/HYDROCHLORIC ACID

Hazardous Decomposition Products:
CORROSIVE FUMES, CHLORINE GAS

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
N/K

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