

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-775/7758-05-6.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
7758-05-6

Code:
M

RTECS:

Code:
X

Name:
POTASSIUM IODATE

Other REC Limits:
NONE RECOMMENDED

OSHA PEL:
NOT ESTABLISHED

Code:
M

OSHA STEL:

Code:
1

ACGIH TLV:
NOT ESTABLISHED

Code:
M

ACGIHSTEL:
N/P

Code:

Control Measures

Respiratory Protection:
FOR CONDITIONS OF USE WHERE EXPOSURE TO DUST IS APPARENT , A DUST/MIST RESPIRTORMAY BE WORN. FOR EMERGENCIES, A SELF-CONTAINED BREATHING APPARATUS MAY BE NECESSARY.

Ventilation:
LOCAL EXHAUST SYSTEM.

Protective Gloves:
IMPERVIOUS GLOVES.

Eye Protection:
CHEMICAL SAFETY GLASSES.

Other Protective Equipment:
Equipment CONTACT LENSES SHOULD NOT BE WORN WHEN WORKING W/MATERIAL. EYE WASH FOUNTAIN &QUICK-DRENCH FACILITIES IN WORK AREA.

Work Hygienic Practices:
WASH HANDS THOROUGHLY AFTER USE.

Supplemental Safety and Health:
N/P

Health Hazards Data

LD50LC50Mixture:
N/P

Route Of Entry Inds - Inhalation:
YES

Skin:
YES

Ingestion:
YES

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
ACUTE:INHAL:RESPIRATORY TRACT IRRITANT. INGEST:MAY CAUSE GASTROINTESTINAL UPSET. SKIN:IRRITANT. EYE:NO ADVERSE EFFECTS EXPECTED BUT DUST MAY CAUSE MECHANICAL IRRITATION. CHRONIC:REPEATED INGESTIONS MA Y CAUSE KIDNEY DISFUNCTION OR FAILURE &BLOOD CONDITIONS SUCH AS HEMOLYSIS. CNS MAY BE AFFECTED.

Explanation Of Carcinogenicity:
N/P

Signs And Symptions Of Overexposure:
INHAL:COUGHING, SHORTNESS OF BREATH. INGEST:ABDOMINAL PAIN, VOMITING, DIARRHEA. SKIN:REDDENING, SWELLING, ITCHING. ANINAL EXPERIMENTS SUGGEST A POTENTIAL FOR KIDNEY & BLOOD CELL DAMAGE, SIMILAR TO THA T OF THE BROMATES & CHLORATE WHEN INGESTED.

Medical Cond Aggravated By Exposure:
IMPAIRED LIVER OR KIDNEY FUNCTION.

First Aid:
INHAL:REMOVE TO FRESH AIR. SEE DOCTOR FOR ANY BREATHING DIFFICULTY. INGEST:INDUCE VOMITING IMMED BY GIVING 2 GLASSES OF WATER & STICKING FINGER DOWN THROAT. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCI OUS PERSON. SKIN:WASH W/SOAP & WATER. EYE:WASH W/RUNNING WATER. IN ALL CASES SEE DOCTOR.

Spill Release Procedures:
COVER SPILL W/FERROUS SULFATE OR SODIUM SULFITE & MOISTEN W/DILUTED SULFURIC ACID TO FORM A REDUCING SLURRY.COLLECT & NEUTRALIZE EXCESS ACID W/SODA ASH.FLUSH AREA W/LG AMTS OF WATER.TREATED WASTE MAY BE FLUSHED TO SEWER W/WATER BY APPROVALOF FACILIT

Neutralizing Agent:
N/P

Waste Disposal Methods:
DISPOSE OF IN ACCORDANCE WITH FEDERAL/STATE/LOCAL REGULATIONS. TREATED WASTE MAY BE DISCHARGED TO SEWER W/WATER BY APPROVAL OF LOCAL SEWER AUTHORITY OR SENT TO APPROVED WASTE DISPOSAL FACILITY.

Handling And Storage Precautions:
KEEP IN TIGHTLY CLOSED CONTAINER.STORE IN COOL,DRY,VENTILATED AREA AWAY FROM SOURCES OF HEAT, MOISTURE, & INCOMPATIBLE SUBSTANCES.

Other Precautions:
PROTECT CONTAINER FROM PHYSICAL DAMAGE. 2

Fire and Explosion Hazard Information

Flash Point Method:
N/P

Flash Point:

Flash Point Text:
N/A

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
N/A

Upper Limits:
N/A

Extinguishing Media:
USE ANY MEANS SUITABLE FOR EXTINGUISHING SURROUNDING FIRE.

Fire Fighting Procedures:
WEAR FULL PROTECTIVE CLOTHING & FACEPIECE OPERATED IN PRESSURE DEMAND OR OTHER POSTIVE PRESSURE MODE.WATER SPRAY MAY BE USED TO KEEP FIRE EXPOSED CONTAINER COOL

Unusual Fire/Explosion Hazard:
NOT COMBUSTIBLE BUT ENHANCES THE COMBUSTION OF OTHER SUBSTANCES. CAN RELEASE GASEOUS OXYGEN WHEN HEATED. MAY EXPLODE WHEN EXPOSED TO MECHANICAL SHOCK OR FRICTIO

Physical/Chemical Properties

HCC:
D1

NRC/State LIC No:

Net Prop WT For Ammo:
3

Boiling Point:

B.P. Text:
N/A

Melt/Freeze Pt:

M.P/F.P Text:
1040F,560C

Decomp Temp:

Decomp Text:
N/A

Vapor Pres:
NONE SPEC.

Vapor Density:
NONE SPEC.

Volatile Org Content %:

Spec Gravity:
3.89

VOC Pounds/Gallon:

PH: N/P

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
NONE SPECIFIED BY MANUFA.

Solubility in Water:
89G/100G WATER

Appearance and Odor:
WHITE CRYSTALLINE POWDER WITH NO ODOR.

Percent Volatiles by Volume:
N/P

Corrosion Rate:
N/P

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
STRONG OXIDIZING CHARACTERISTICS APPEAR WHEN MIXED WITH ACID SOLUTIONS.

Materials To Avoid:
REACTS VIOLENTLY W/COMBUSTIBLE &REDUCING MATERIALS; ALUMINUM, ORGANIC COMPOUNDS, CARBON, HYDROGEN PEROXIDE, SULFIDES.

Hazardous Decomposition Products:
OXIDES OF IODINE AND POTASSIUM.

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
N/A

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