

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-779/7790-28-5.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
7790-28-5
Code:
M

RTECS:
SD4550000
Code:
M

Name:
SODIUM PERIODATE

Other REC Limits:
NOT ESTABLISHED

OSHA PEL:
NOT ESTABLISHED
Code:
M

OSHA STEL:

Code:

ACGIH TLV:
NOT ESTABLISHED
Code:
M

ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
MFR GAVE NO INFORMATION OF MSDS.

Ventilation:
USE WITH ADEQUATE VENTILATION.

Protective Gloves:
RUBBER

Eye Protection:
LAB GRADE GOGGLES

Other Protective Equipment:
Equipment 4 LAB COAT. AN EMERGENCY EYEWASH SHOWER SHOULD BE AVAILABLE.

Work Hygienic Practices:
MFR GAVE NO INFORMATION OF MSDS.

Supplemental Safety and Health:
NONE

Health Hazards Data

LD50LC50Mixture:
2 PRODUCT'S LD50 (ORAL RAT) WAS NOT STATED

Route Of Entry Inds - Inhalation:
YES

Skin:
NO

Ingestion:
YES

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
MAY BE IRRITATING TO EYES, SKIN AND RESPIRATORY TRACT. INGESTION MAY CAUSE ABDOMINAL PAIN, VOMITING AND DIARRHEA.

Explanation Of Carcinogenicity:
MANUFACTURER GAVE NO INFORMATION ABOUT CARCINOGENICITY. HMIS FOUND NO LISTING & DOES NOT EXPECT IT TO BE CARCINOGENIC.

Signs And Symptions Of Overexposure:
EYE IRRITATION, SKIN IRRITATION, RESPIRATORY TRACT IRRITATION, ABDOMINAL PAIN, VOMITING, DIARRHEA.

Medical Cond Aggravated By Exposure:
PRE-EXISTING EYE AND SKIN DISORDERS.

First Aid:
EYE & SKIN CONTACT:IMMEDIATELY FLUSH EYES & SKIN W/WATER FOR 15 MINUTES. REMOVE CONTAMINATED CLOTHING. CALL PHYSICIAN. INGESTION:GIVE LARGE AMOUNTS OF WATER. CALL PHYSICIAN IMMEDIATELY. INHALATION:REM OVE TO FRESH AIR.

Spill Release Procedures:
IN SMALL BATCHES, DILUTE W/EXCESS WATER IN A BEAKER. NEUTRALIZE TO PH BETWEEN 6 & 9 W/SODA ASH. FLUSH TO DRAIN W/EXCESS WATER.

Neutralizing Agent:
SODA ASH

Waste Disposal Methods:
DISPOSE OF I/A/W FEDERAL, STATE & LOCAL REGULATIONS.

Handling And Storage Precautions:
PROTECT FROM MOISTURE. KEEP AWAY FROM OXIDIZABLE MATERIAL. AVOID CONTACT W/EYES, SKIN & CLOTHING. DO NOT BREATHE DUST. 3

Other Precautions:
STORE IN A COOL, DRY PLACE. WASH THOROUGHLY AFTER HANDLING.

Fire and Explosion Hazard Information

Flash Point Method:
N/P

Flash Point:

Flash Point Text:
NOT APPLICABLE

Autoignition Temp:

Autoignition Temp Text:
N/A.

Lower Limits:
N/A.

Upper Limits:
N/A.

Extinguishing Media:
WATER, CARBON DIOXIDE, DRY CHEMICAL

Fire Fighting Procedures:
MFR GAVE NO INFORMATION OF MSDS.

Unusual Fire/Explosion Hazard:
POWERFUL OXIDIZER. MAY DECOMPOSE EXPLOSIVELY IN CASE OF FIRE. MAY EMIT TOXIC FUMES OF IODINE, IODINE COMPOUNDS AND SODIUM OXIDES.

Physical/Chemical Properties

HCC:
D1

NRC/State LIC No:
NONE

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
N/A.

Melt/Freeze Pt:

M.P/F.P Text:
572F,300C

Decomp Temp:

Decomp Text:
572F,300C

Vapor Pres:
N/A.

Vapor Density:
N/A.

Volatile Org Content %:

Spec Gravity:
3.865

VOC Pounds/Gallon:

PH: N/K

VOC Grams/Liter:

Viscosity:
UNKNOWN

Evaporation Rate & Reference:
N/A.

Solubility in Water:
SOLUBLE

Appearance and Odor:
SOLID, WHITE CRYSTALLINE POWDER, NO ODOR - PH 5% SOLUTION = 4.0-4.5

Percent Volatiles by Volume:
N/K

Corrosion Rate:
UNKNOWN

Reactivity Data

Stability Indicator:
YES 5

Stabiility Condition To Avoid:
HEAT, FLAMES

Materials To Avoid:
AMMONIUM COMPOUNDS, ORGANIC MATERIAL, FINELY POWDERED METALS AND ANY OTHER REDUCERS.

Hazardous Decomposition Products:
IODINE, IODINE COMPOUNDS, SODIUM OXIDES.

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
NONE. WILL NOT OCCUR.

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