

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-779/7791-07-3.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

7791-07-3

Code:

T

RTECS:

SC9850000

Code:

T

Name:

SODIUM PERCHLORATE MONOHYDRATE

Other REC Limits:

N/P

OSHA PEL:

N/P

Code:

OSHA STEL:

N/P

Code:

ACGIH TLV:

N/P

Code:

ACGIH STEL:

N/P

Code:

Control Measures

Respiratory Protection:

NIOSH APPROVED RESPIRATOR.

Ventilation:

MECHANICAL EXHAUST REQUIRED.

Protective Gloves:

RUBBER GLOVES.

Eye Protection:

ANSI APPROVED CHEMICAL WORKERS GOGGLES (FP N).

Other Protective Equipment:

Equipment ANSI APPROVED EYE WASH AND DELUGE SHOWER (FP N).

Work Hygienic Practices:

WASH THOROUGHLY AFTER HANDLING. DO NOT GET IN EYES, ON SKIN, OR ON CLOTHING. DO NOT BREATHE VAPOR.

Supplemental Safety and Health:

WASTE DISP METH: HANDLE CONTAMINATED PACKAGING IN THE SAME WAY AS THE SUBSTANCE ITSELF. UNLESS SPECIFIED DIFFERENTLY, NONCONTAMINATED PACKAGING MAY BE TREATED LIKE HOUSEHOLD WASTE OR RECYCLED. 4

Health Hazards Data

LD50/LC50 Mixture:

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:

WARNING: STRONG OXIDIZER, HARMFUL. HARMFUL IF INHALED OR SWALLOWED. CAUSES EYE AND SKIN IRRITATION. MATERIAL IS IRRITATING TO MUCOUS MEMBRANES AND UPPER RESPIRATORY TRACT. TARGET ORGANS: THYROID, BLOOD.

Explanation Of Carcinogenicity:

N/P

Signs And Symptoms Of Overexposure:

2 SEE HEALTH HAZARDS.

Medical Cond Aggravated By Exposure:

N/P

First Aid:

EYE CONTACT: IMMEDIATELY FLUSH EYES WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. ASSURE ADEQUATE FLUSHING OF EYES BY SEPARATING EYELIDS WITH FINGERS. SKIN CONTACT: IMMEDIATELY WASH SKIN WITH SOAP AND COPIOUS AMOUNTS OF WATER. INHALATION: REMOVE TO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. INGESTION: WASH OUT MOUTH WITH WATER PROVIDED PERSON IS CONSCIOUS. CALL A PHYSICIAN. REMOVE AND WASH CONTAMINATED CLOTHING PROMPTLY.

Spill Release Procedures:

WEAR NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS, CHEMICAL SAFETY GOGGLES, RUBBER BOOTS AND HEAVY RUBBER GLOVES. ABSORB ON SAND OR VERMICULITE AND PLACE IN CLOSED CONTAINERS FOR DISPOSAL. VENTILATE AREA AND WASH SPILL SITE AFTER MATERIAL PICKUP IS COMPLETE.

Neutralizing Agent:

N/P

Waste Disposal Methods:

DISPOSAL MUST BE I/A/W FEDERAL, STATE & LOCAL REGS (FP N). THERE ARE NO UNIFORM REGS FOR THE DISPOSAL OF CHEMICALS OR RESIDUES. CHEMICAL RESIDUES GENERALLY COUNT AS SPECIAL WASTE. WE RECOMMEND THAT YOU CONTACT EITHER THE AUTHORITIES IN CHARGE OR APPROVED WASTE DISPOSAL COMPANIES WHICH WILL ADVISE YOU ON HOW TO DISPOSE OF SPECIAL WASTE. (SUPDAT)

Handling And Storage Precautions:

STORE TIGHTLY CLOSED AT 20-25C.

Other Precautions:

SEVERE EYE IRRITANT. KEEP TIGHTLY CLOSED. STORE IN A DRY PLACE.

Fire and Explosion Hazard Information

Flash Point Method:

N/P

Flash Point:

N/A

Flash Point Text:

N/A

Autoignition Temp:

N/A 3

Lower Limits:

N/A

Upper Limits:

N/A

Extinguishing Media:

NONCOMBUSTIBLE. USE EXTINGUISHING MEDIA APPROPRIATE TO SURROUNDING FIRE CONDITIONS.

Fire Fighting Procedures:

USE NIOSH APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT (FP N).

Unusual Fire/Explosion Hazard:

N/P

Physical/Chemical Properties

HCC:

NRC/State LC No:

Net Prop WT For Ammo:

N/A

Boiling Point:

N/A

B.P. Text:

N/A

Melt/Freeze Pt:

N/A

M.P./F.P. Text:

N/A

Decomp Temp:

N/A

Decomp Text:

N/P

Vapor Pres:

N/A

Vapor Density:

N/P

Volatile Org Content %:

N/A

Spec Gravity:

1.53 (20C)

VOC Pounds/Gallon:

N/A

PH:

5.1 (20C)

VOC Grams/Liter:

N/A

Viscosity:

N/A

Evaporation Rate & Reference:

N/P

SOLUBILITY IN WATER:

SOLUBLE (20C)

Appearance and Odor:

YELLOW LIQUID, NO ODOR.

Percent Volatiles by Volume:

N/P

Corrosion Rate:

N/P

Conditions To Avoid Polymerization:

N/P

Other Information:

N/P

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

Reactivity Data

Stability Indicator:

YES

Stability Condition To Avoid:

N/P

Materials To Avoid:

REDUCING AGENTS, STRONG ACIDS, ORGANIC MATERIALS.

Hazardous Decomposition Products:

CARBON MONOXIDE, CARBON DIOXIDE AND HYDROGEN CHLORIDE GAS.

Hazardous Polymerization Indicator:

NO

Conditions To Avoid Polymerization:

N/P

Other Information:

N/P

Toxicological Information

Information:

N/P

MSDS Transport Information

Information:

N/P

Regulatory Information

Sara Title III Information:

N/P

Federal Regulatory Information:

N/P

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