

SODIUM PERRHENATE

MSDS Number

BXDNY

National Stock Number

6810-01-011-4107

Product Name

SODIUM PERRHENATE

Manufacturer

SHAPE PRODUCTS

Product Identification

Product ID:SODIUM PERRHENATE

MSDS Date:05/03/1995

FSC:6810

NIIN:01-011-4107

MSDS Number: BXDNY

Responsible Party

SHAPE PRODUCTS

1127 57TH AVE.

OAKLAND , CA 94621-4427

US

Emergency Phone: 510-534-1186 OR 800-444-0015

Info Phone: 510-534-1186/FAX 510-534-1862

Cage: 3D869

Contractor

SHAPE PRODUCTS

OAKLAND, CA 94621-4427

US

510-534-1186 OR 800-444-0015

Cage: 3D869

Ingredients

SODIUM PERRHENATE

CAS: 13472-33-8

RTECS: WD3675000

Fraction By Weight: 99.9%

Hazards

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:INHAL:DUST MAY CAUSE IRRIT OF RESPIRATORY TRACT, COUGHING, SORE THROAT. CHRONIC:REPEATED INGEST OF SMALL AMTS MAY CAUSE LOSS OF APPETITE & WEIGHT LOSS. HEALTH EFFECTS OR RISKS FROM CHRONIC EXPO TO COM POUND HAVE NOT BEEN EXTENSIVELY STUDIED.

Explanation of Carcinogenicity:PER

MSDS:CARCINOGENICITY:NTP/IARC/OSHA:NO. NOT A POTENTIAL OR SUSPECTED CANCER AGENT.

Effects of Overexposure:COUGHING, SORE THROAT. LOOS OF APPETITE & WEIGHT LOSS.

Medical Cond Aggravated by Exposure:ANY CONDITION INVOLVING THE LUNGS OR SKIN.

First Aid

First Aid:IF SWALLOWED INDUCE VOMITING IMMEDIATELY BY GIVING 2 GLASSES OF WATER & STICKING FINGER DOWN THROAT. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. IN CASE OF CONTACT IMMEDIATELY FLUSH SKIN/EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. SKIN:WASH THOROUGHLY WITH SOAP & WATER. EYE:HOLD LID OPEN & FLUSH WITH RUNNING WATER FOR AT LEAST 15 MINUTES.

Fire Fighting

Extinguishing Media:WATER SPRAY,CARBON DIOXIDE,FOAM,DRY CHEMICALS.USE ANY MEANS SUITABLE FOR EXTENDING SURROUNDING FIRE.

Fire Fighting Procedures:WATER SPRAY MAY BE USED TO KEEP FIRE EXPOSED CONTAINERS COOL.WEAR SUPPLIED AIR RESPIRATOR.

Unusual Fire/Explosion Hazard:NOT COMBUSTIBLE.OXIDIZER.HEAT OF REACTION WITH REDUCING AGENTS/COMBUSTIBLES MAY CAUSE IGNITION.WHEN HEATED RELEASES OXYGEN WHICH INCREASES COMBUSTION.CONTACT WITH OXIDIZABLE MATERIALS MAY (SUPPORT)

Accidental Release

Spill Release Procedures:WEAR PROTECTIVE CLOTHING.CLEANUP IMMEDIATELY.STOP SPILL WITHOUT RISK.PREVENT SPILL ENTERING SEWERS/STORM DRAINS/OTHER UNAUTHORIZED TREATMENT DRAINAGE SYSTEMS/NATURAL WATERWAYS.NOTIFY FEDERAL/STATE/LOCAL AGENCIES.CLEANUP IMMEDIATELY BY SCOOPING INTO SUITABLE (GLASS,PLASTIC,HDPE) CONTAINER.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions:AVOID INGESTION OF PRODUCT.NEVER EAT/DRINK IN AREA WHERE PRODUCT IS USED.AVOID CONTACT WITH EYE/SKIN.STORE MATERIAL IN SEALED PLASTIC CONTAINER IN COOL DRY PLACE

Other Precautions:AVOID STRONG REDUCING AGENTS.

Exposure Controls

Respiratory Protection:USE DUST MASK.

Ventilation:LOCAL EXHAUST VENTILATION.

Protective Gloves:WEAR RUBBER GLOVES.

Eye Protection:WEAR PLASTIC GOGGLES.

Other Protective Equipment:DUST MASK, RUBBER APRON OR DISPOSABLE COVERALLS.

Work Hygienic Practices:DO NOT EAT IN WORK AREA.ALWAYS WASH EQUIPMENT & HANDS AFTER WORK SHIFT.IF SPILL IMMEDIATELY WASH SPILL AREA.

Supplemental Safety and Health

FIRE/EXPLOSION HAZARD:CAUSE EXTREMELY VIOLENT COMBUSTION.KEEP AWAY FROM COMBUSTIBLE/FLAMMABLE MATERIALS.CREATING DUST MAY RESULT IN EXPLOSION IF IGNITION SOURCE IS PRESENT.

Chemical Properties

HCC:D1

Melt/Freeze Point:Melting Point:572F (OXYGEN)

Decomposition Temp:Decomposition Temp:824F (VACUUM)

Specific Gravity:5.39

Solubility in Water:100G/100ML @20C

Appearance and Odor:COLORLESS, HEXAGONAL CRYSTALS; HYGROSCOPIC, ODORLESS.

Stability

Stability Indicator/Materials to Avoid:YES

COMBUSTIBLE OR FLAMMABLE MATERIALS. STRONG REDUCING AGENTS.

Stability Condition to Avoid:KEEP AWAY FROM COMBUSTIBLE OR FLAMMABLE MATERIALS. CREATING DUST MAY RESULT IN EXPLOSION IF IGNITION SOURCES ARE PRESENT.

Hazardous Decomposition Products:NA2O FUMES.

Disposal

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE

LOCAL, STATE AND FEDERAL ENVIRONMENTAL REGULATIONS.

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.