

CAS#7631-99-4, SODIUM NITRATE

MSDS Number

BBDMR

National Stock Number

6810-00D000894

Product Name

CAS#7631-99-4, SODIUM NITRATE

Manufacturer

POLYSCIENCE INC

Product Identification

Product ID: CAS#7631-99-4, SODIUM NITRATE

MSDS Date: 01/01/1987

FSC: 6810

NIIN: 00D000894

MSDS Number: BBDMR

Responsible Party

POLYSCIENCE, INC.

400 VALLEY ROAD

WARRINGTON, PA 18976

US

Emergency Phone: 215-343-6484

Info Phone: 215-343-6484

Cage: EO062

Contractor

POLYSCIENCES INC

WARRINGTON, PA 18976

US

215-343-6484

Cage: 32939

Ingredients

SODIUM NITRATE

CAS: 7631-99-4

RTECS: WC5600000

Fraction By Weight: >99%

Hazards

Effects of Overexposure: LOW ORDER OF TOXICITY, IRRITATING TO SKIN & EYES.

First Aid

First Aid: SKIN: WASH W. SOAP & H₂O EYES: FLUSH W. H₂O. INGESTED: GIVE 2 GLASSES H₂O; INDUCE VOMITING. CALL A PHYSICIAN. INHALE: REMOVE TO FRESH AIR. GIVE CPR/OXYGEN IF NEED. KEEP WARM & QUIET. REMOVE CONTAMINATED CLOTHING. IF UNCONS DO NOT TAKE ANYTHING BY MOUTH.

Fire Fighting

Extinguishing Media: FLOOD WITH WATER OR FINE SAND.

Fire Fighting Procedures: WEAR SELF-CNTD BRTHG, APP H₂O SPRAY TO COOL

CONTR.
Unusual Fire/Explosion Hazard:MATL IS OXIDIZER.IN CONTACT WITH
OXIDIZABLE SUBSTANCE,ESPECIALLY DRY FOAM.

Accidental Release

Spill Release Procedures:SWEEP OR SHOVEL MATL INTO DRUMS.CLOSE &
LABEL"OXIDIZER".IF FLAMMABLE MATL ARE PRESENT.MONITOR OPERATION
WITH A CO*2 FIRE EXTINGUISHER.WATER MAY BE USED TO COMPLETE
CLEAN-UP.

Handling

Handling and Storage Precautions:STORE IN COOL,DRY WELL VENTED,LOW FIRE
RISK AREA. PROTECT FR HEAT,SHOCK KEEP CONTAINERS CLOSED.
Other Precautions:AVOID EXCESS HUMIDITY CONDITIONS.

Exposure Controls

Respiratory Protection:DUST RESPIRATOR
Ventilation:MECHANICAL RECOMMENDED.
Protective Gloves:CHEMICAL
Eye Protection:CHEM SPLASH GOGGLES
Other Protective Equipment:PROTECTIVE CLOTHING.
Supplemental Safety and Health
MSDS UNDATED.

Chemical Properties

HCC:D1
Boiling Pt:B.P. Text:716F.DECOMP
Vapor Pres:NIL
Spec Gravity:2.2
Solubility in Water:APPRECIABLE
Appearance and Odor:WHITE CRYSTALLINE POWDER.
Percent Volatiles by Volume:0

Stability

Stability Indicator/Materials to Avoid:YES
OXIDIZABLE MATL.INCLUDING SULFUR & ORGANIC MATL.
Stability Condition to Avoid:MATL EXPLODES AT 1000F.DECOMPOSES AT 716F.
Hazardous Decomposition Products:TOXIC FUMES OF OXIDES OR NITROGEN.

Disposal

Waste Disposal Methods:KEEP IN COVERED DRUMS,PENDING DISPOSAL. HANDLE &
DISPOSE IN FULL COMPLIANCE WITH ALL APPLICABLE
INTERNATIONAL,FEDERAL,STATE, & LOCAL REGULATIONS.

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