

BARIUM NITRATE

MSDS Number

BBXXQ

National Stock Number

6810-00F007415

Product Name

BARIUM NITRATE

Manufacturer

FISHER SCIENTIFIC

Product Identification

Product ID: BARIUM NITRATE

MSDS Date: 01/01/1987

FSC: 6810

NIIN: 00F007415

MSDS Number: BBXXQ

Responsible Party

FISHER SCIENTIFIC/FAIRLAWN, NJ 07410

Emergency Phone: (201) 796-7100

Cage: 1B464

Contractor

FISHER SCIENTIFIC CO. CHEMICAL MFG DIV

FAIRLAWN, NJ 07410-2802

US

201-796-7100

Cage: 1B464

Ingredients

BARIUM NITRATE

CAS: 10022-31-8

RTECS: CQ9625000

Fraction By Weight: 100%

OSHA PEL 0.5 MG/M3 (BA)

ACGIH TLV: 0.5 MG/M3 (BA); 8990

Hazards

Effects of Overexposure: IRRITATE TO THE EYE, MUCOUS MEMBRANE, SKIN, RESPIRATORY/GASTROINTESTINAL TRACT, VOMITING, KIDNEY.

First Aid

First Aid: INHALATION: REMOVE FROM EXPOSURE AREA TO FRESH AIR. SKIN: REMOVE CONTAMINATED CLOTHING/SHOES. WASH AFFECTED AREA W/SOAP/MILD DETERGENT/WATER. SKIN/EYES: WASH W/WATER 15 MINS. INGESTION: IF VICTIM IS CONSCIOUS. GIVE 2-4 GLASSES OF WATER. GET MED ATT

Fire Fighting

Flash Point: NON-FLAMMABLE

Extinguishing Media: DRY CHEMICAL, CO2, WATER SPRAY, ALCOHOL FOAM.

Fire Fighting Procedures: SCBA W/A FULL FACEPIECE OPERATED IN PRESSURE-DEMAND.

Unusual Fire/Explosion Hazard: MOVE CONTAINERS FROM FIRE AREA IF

POSSIBLE. COOL CONTAINERS EXPOSED TO FLAMES W/WATER.

Accidental Release

Spill Release Procedures:KEEP COMBUSTIBLES (WOOD, PAPER, OIL, ETC).
AWAY FROM SPILLED MATERIAL. DON'T TOUCH SPILLED MATERIAL. FOR SMALL
DRY SPILL, WITH CLEAN SHOVEL PLACE MATERIAL INTO CLEAN, DRY CONTAINER
& COVER; MOVE CONTAINERS FROM SPILL AREA.

Handling

Handling and Storage Precautions:AVOID BREATHING VAPORS OR DUSTS.
EVACUATE TO A RADIUS OF 2500 FT FOR UNCONTROLLABLE FIRES (BURN OF
EXPLOSIVES).

Exposure Controls

Respiratory Protection:HIGH-EFFICIENCY PARTICULATE RESPIRATOR W/A FULL
FACEPIECE/SCBA.
Ventilation:PROVIDE LOCAL EXHAUST VENTILATION TO KEEP Eye Protection:FACE SHIELD/SAFETY GOGGLES
Other Protective Equipment:DON'T WEAR CONTACT LENSES WHEN WORKING
W/CHEMICALS.
Supplemental Safety and Health
MSDS DATE: 10/15/85.

Chemical Properties

Boiling Pt:B.P. Text:DECOMPOSES
Spec Gravity:3.2
Solubility in Water:SOLUBLE
Appearance and Odor:ODORLESS WHITE SOLID/COLORLESS LUSTROUS CRYSTAL
Percent Volatiles by Volume:9.2%

Stability

Stability Indicator/Materials to Avoid:YES
REACTS W/REDUCING AGENTS/PHOSPHOROUS/AMMONIA/AMINES/CYANIDES
Stability Condition to Avoid:REACTION WITH FUELS MAY BE VIOLENT.
Hazardous Decomposition Products:NOX
Conditions to Avoid Polymerization:MAY SUPPORT COMBUSTION OF FLAMMABLE
MATERIALS (WOOD/PAPER/OIL).

Disposal

Waste Disposal Methods:DON'T ALLOW MATERIAL TO CONTAMINATE SEWERS &
WATER SOURCES. BUILD DIKES FOR CONTAINMENT OF SPILL FLOW.

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.