

YTTERBIUM NITRATE, 12901

MSDS Number

BCKH

National Stock Number

6810-00N044823

Product Name

YTTERBIUM NITRATE, 12901

Manufacturer

JOHNSON MATTHEY CATALOG CO

Product Identification

Product ID:YTTERBIUM NITRATE, 12901

MSDS Date:04/09/1991

FSC:6810

NIIN:00N044823

MSDS Number: BCKH

Responsible Party

JOHNSON MATTHEY CATALOG CO

30 BOND ST

WARD HILL , MA 01835-0747

US

Emergency Phone: 508-521-6300;800-424-9300(CHEMTREC)

Info Phone: 508-521-6300

Cage: 0JVJ1

Contractor

JOHNSON MATTHEY CATALOG CO INC ALFA AESAR

WARD HILL, MA 01835-0747

US

978-521-6300

Cage: 0JVJ1

Ingredients

YTTERBIUM NITRATE

CAS: 13768-67-7

RTECS: ZG2700000

Fraction By Weight: 100%

OSHA PELN/K

ACGIH TLV: N/K

Hazards

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

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

Health Hazards Acute and Chronic:TOXIC VIA INHALATION; CAN BE ABSORBED INTO BODY. MAY CAUSE DIZZINESS, ABDOMINAL CRAMPS, VOMITING, CONVULSIONS. IRRITATING UPON EYE CONTACT. MAY CAUSE CNS, GI INJURY.

Explanation of Carcinogenicity:NOT RELEVANT

Effects of Overexposure:SEE HEALTH HAZARDS.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

First Aid

First Aid:INHAL: REMOVE FROM EXPOSURE. EYES: FLUSH WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. SKIN: REMOVE ANY CONTAMINATED CLOTHING. FLOOD SKIN W/LARGE VOLUMES OF WATER FOR 15 MINUTES. INGEST/INHAL : SEEK PROMPT, COMPETENT MEDICAL ATTENTION.

Fire Fighting

Flash Point:NONE
Extinguishing Media:USE WATER, CARBON DIOXIDE, DRY CHEMICAL EXTINGUISHING AGENTS, DRY SAND/DRY GROUND DOLOMITE.
Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED SCBA & FULL PROT EQUIPMENT . IF W/OUT RISK, REMOVE MATERIAL FROM FIRE AREA. COOL CONTAINER W/WATER FROM MAXIMUM DISTANCE.
Unusual Fire/Explosion Hazard:FIRE HAZARD BY SPONTANEOUS CHEMICAL REACTION. AN OXIDIZING AGENT; GIVES UP THEIR OXYGEN TO OTHER MATERIALS, WHICH MAY IN TURN DETONATE.

Accidental Release

Spill Release Procedures:WEARING FULL PROTECTIVE CLOTHING AND RESPIRATORY PROTECTION, ELIMINATE ALL SOURCES OF IGNITION. COVER SPILL WITH DRY SAND/DRY VERMICULITE, MIX WELL AND CAREFULLY TRANSFER TO A WELL-MARKED CONTR. CLOSE CONTR TIGHTLY. SUBMIT/RETAIN FOR DISPOSAL.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions:KEEP TIGHTLY CLOSED. STORE IN A COOL, DRY, WELL-VENTILATED AREA.
Other Precautions:DANGER: OXIDIZER, AVOID CONTACT WITH OTHER MATERIALS, MAY CAUSE FIRE.

Exposure Controls

Respiratory Protection:NIOSH/MSHA APPROVED HIGH EFFICIENCY PARTICULATE RESPIRATOR FOR ORDINARY USE AND SCBA FOR EMERGENCY USE.
Ventilation:LOCAL EXHAUST: FUME HOOD. MECHANICAL: NOT ADEQUATE.
Protective Gloves:RUBBER.
Eye Protection:CHEMICAL SAFETY GOGGLES.
Other Protective Equipment:LAB COAT & APRON, FLAME & CHEMICAL RESISTANT COVERALLS, EYEWASH CAPABLE OF SUSTAINED FLUSHING, SFTY DRENCH (SUPP DATA)
Work Hygienic Practices:WASH THOROUGHLY AFTER USE.
Supplemental Safety and Health
OTHER PROT EQUIP: SHOWER AND HYGIENIC FACILITIES FOR WASHING.

Chemical Properties

HCC:D2
Solubility in Water:SOLUBLE
Appearance and Odor:TRANSPARENT CRYSTALS

Stability

Stability Indicator/Materials to Avoid:YES
REDUCING AGENTS, COMBUSTIBLE MATERIALS.
Stability Condition to Avoid:HEATING TO DECOMPOSITION.
Hazardous Decomposition Products:ON DECOMPOSITION EMITS TOXIC FUMES.

Disposal

Waste Disposal Methods:CONSULT STATE, LOCAL, AND FEDERAL REGULATIONS FOR PROPER DISPOSAL.

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