

JOHNSON MATTHEY CATALOG CO -- LANTHANUM NITRATE, 12915 -- 6810-00-300-5728

=====  
Product Identification  
=====

Product ID:LANTHANUM NITRATE, 12915  
MSDS Date:05/23/1988  
FSC:6810  
NIIN:00-300-5728  
MSDS Number: BVMZT  
=== Responsible Party ===  
Company Name:JOHNSON MATTHEY CATALOG CO  
Address:30 BOND STREET  
City:WARD HILL  
State:MA  
ZIP:01835-0747  
Country:US  
Info Phone Num:508-521-6300  
Emergency Phone Num:5  
08-521-6300;800-424-9300(CHEMTREC)  
CAGE:0JVJ1  
=== Contractor Identification ===  
Company Name:JOHNSON MATTHEY CATALOG CO INC ALFA AESAR  
Address:30 BOND ST  
Box:City:WARD HILL  
State:MA  
ZIP:01835-0747  
Country:US  
Phone:978-521-6300  
CAGE:0JVJ1

=====  
Composition/Information on Ingredients  
=====

Ingred Name:LANTHANUM (III) NITRATE, HEXAHYDRATE (1:3:6) (LANTHANUM  
NITRATE)  
CAS:10277-43-7  
RTECS #:OE5250000  
Fraction by Wt: 100%  
OSHA PEL:N/K  
ACGIH TLV:N/K

=====  
Haz

ards Identification =====

LD50 LC50 Mixture:LD50 (ORAT RAT):410 MG/KG

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

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

Health Hazards Acute and Chronic:ACUTE:INGEST:MAY CAUSE HDCH, FLUSHING OF SKIN, VOMIT, DIZZ, COLLAPSE, HYPOTENSION, CYANOSIS, CONVULSIONS, COMA & RESP PARALYSIS. MAY CAUSE DELAYED BLOOD CLOTTING. SKIN:MAY CAUSE IRRIT. EYE:MAY CAUSE I RRRIT. INHAL MAY CAUSE EFTS SIMILAR TO THOSE OF INGEST.

INHAL:NONE KNOWN. CHRONIC:INGEST:MAY CAUSE (EFTS OF OVEREXP)

Explanation of Carcinogenicity:NOT RELEVANT.

Effects of Overexposure:HLTH HAZ:EFTS SIMILAR TO THOSE OF ACUTE INGEST.

SKIN:NONE KNOWN. EYE:NONE KNOWN: INHAL:MAY CAUSE EFTS SIMILAR TO THOSE OF ACUTE INGEST. OTHER:NITRATES CAN INTERACT WITH AMINES TO FORM NITROSAMINES, WHICH ARE CARCINOGENIC IN ANIMALS. LANTHANUM HAS CAUSED LIVER INJURY IN EXPERIMENTAL ANIMALS.

Medical Cond Aggravated by Exposure:NONE KNOWN.

=====

===== First Aid Measures =====

First Aid:INGEST:NO DATA AVAIL BUT ONE SHOULD OBTAIN MED ATTN.

SKIN:REMOVE CONTAMD CLTHG, FLOOD SKIN W/LARGE AMOUNTS OF WATER. IF IRRIT PERSISTS SEEK MED ATTN. EYE:IMMED FLUSH EYES, INCLUDING UNDER EYELIDS, W/L ARGE AMOUNTS OF WATER FOR AT LEAST 15 MINS. CALL A PHYSICIAN. INHAL:NO SPECIFIC INFORMATION AVAILABLE, ONE SHOULD OBTAIN MEDICAL ATTENTION.

===== Fire Fighting Measures =====

=

Extinguishing Media:OXIDIZING AGENTS. MODERATE FIRE HAZ BY SPONT CHEM REACTION. USE WATER, CO\*2, DRY CHEM EXTING AGENTS, DRY SAND/(SUPDAT)

Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE EQUIPMENT . IF W/OUT RISK, REMOVE MATL FROM FIRE AREA. COOL CNTNR W/WATER FROM MAXIMUM DISTANCE.

Unusual Fire/Explosion Hazard:OXIDIZING AGENTS MAY CAUSE IGNIT WHEN IN CLS CONT W/ORGANIC MATL/REDUCING AGENTS. NITRATES MAY EXPLOD WHEN SHOCKED, EXPOS TO HEAT/FLAME

/BY SPONT CHEM REACTION.

===== Accidental Release Measures =====

Spill Release Procedures:WEARING FULL PROT EQUIP, COVER SPILL W/DRY SAND OR VERMICULITE. MIX WELL AND CAREFULLY TRANSFER TO A CONTAINER.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

===== Handling and Storage =====

Handling and Storage Precautions:KEEP CNTNR TIGHTLY CLSD. STORE IN COOL, DRY, WELL-VENTILATED AREA.

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:NIOSH/MSHA APPROVED HIGH EFFICIENCY PARTICLE RESPIRATOR.

Ventilation:GLOVE BAG OR BOX WITH A DRY INERT ATMOSPHERE.

Protective Gloves:RUBBER GLOVES.

Eye Protection:ANSI APPRVD CHEM WORKERS GOGGLES .

Other Protective Equipment:LAB COAT & APRON, FLAME & CHEM RESIST COVERALLS, EYEWASH CAPABLE OF SUSTAINED FLUSHING, SFTY DRENCH SHOWER (SUPDAT)

Work Hygienic Practices:WASH THOROUGHLY AFTER USE.

Supplemental Safety and Health

EXTING MEDIA:DRY GROUND DOLOMITE. OTHER PROT EQPT:AND HYGIENIC FACILITIES FOR WASHING.

===== Physical/Chemical Properties =====

Boiling Pt:B.P. Text:259F,126C

Melt/Freeze Pt:M.P/F.P Text:104F,40C

Vapor Pres:0

Evaporation Rate & Reference:0 (BUTYL ACETATE = 1)

Solubility in Water:SOLUBLE

Appearance and Odor:WHITE CRYSTALLINE SOLID, ODOR NOT KNOWN

Percent Volatiles by Volume:0

===== Stability and Reactiv

ity Data =====

Stability Indicator/Materials to Avoid: YES

MINERAL ACIDS, REDUCING AGENT, MOISTURE, ORGANIC MATL.

Stability Condition to Avoid: INCOMPATIBLES.

Hazardous Decomposition Products: NO DATA.

===== Disposal Considerations =====

Waste Disposal Methods: CONSULT STATE, LOCAL OR FEDERAL EPA REGULATIONS  
FOR PROPER DISPOSAL. RCRA CODE: D001.

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.