

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

CAGE:0JVJ1

=== Contractor Ide

ntification ===

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

===== Hazards Identification =====

LD50 LC50 Mixture:LD

50 (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 IRRIT. 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 =====

Fir

st 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/LARGE 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, CO₂, 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 GROU

ND 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 Reactivity Data =====

Stability Indicator/Materials to Av

oid: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.

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