

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

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Product Identification
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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

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Composition/Information on Ingredients
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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

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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 R RIT. 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.

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===== 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 =====

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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.

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