

MATERIAL SAFETY DATA SHEET July 1, 1968

SECTION I - NAME

Product

LEAD NITRATE

Chemical Synonyms

Lead Nitrate

Formula

Unit(s) Size

Pb(NO₃)₂

C.A.S. No.

10099-74-8

Principal Hazardous Ingredient(s)

Lead Nitrate

DANGER! **POISON** - STRONG OXIDIZER MAY BE FATAL IF SWALLOWED, INHALED OR ABSORBED THROUGH SKIN-CONTACT

WITH OTHER MATERIAL MAY CAUSE FIRE.

SECTION III - PHYSICAL DATA

Melting Point (°F)

Boiling Point (°F)

Vapor Pressure (mm Hg)

Vapor Density (Air = 1)

Solubility in Water

Appearance and Odor

Flash Point (Method Used)

Extinguisher

Media

Use any media suitable for extinguishing supporting fire.

SPECIAL FIREFIGHTING PROCEDURES

In fire conditions, wear a NIOSH-approved self-contained breathing apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARDS

Oxidizing material. In contact with easily oxidizable substances it may react rapidly enough to cause ignition, violent combustion or explosion. Increases the flammability of any combustible substances. Yields toxic gaseous oxides of nitrogen and lead when involved in fire.

D.O.T. OXIDIZER

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BOVA SUPPLY CENTER

905 HICKORY LAKE MANSFIELD OHIO 44905

FREY SCIENTIFIC

SCIENTIFIC

1	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0

HAZARD RATING 1

REACTIVITY 2

FLAMMABILITY 0

TOXICITY 0

ENVIRONMENTAL HAZARD 0

HAZARDous COMPONENT(S)

TLV Units

% 100%

See Section V

SECTION IV - HEALTH HAZARD DATA

Threshold Limit Method Value

Effects of Overexposure

Emergency and First Aid Procedures

Remove to fresh air. Get medical attention. If swallowed, if conscious, give one or two glasses of water. Repeat until vomit fluid is clear. Call physician if necessary. Get medical attention. If in eyes, flush eyes thoroughly with water for at least 15 minutes. Flush thoroughly with water, then wash with soap and water.

SECTION V - REACTIVITY DATA

Stability

Unstable

Stable

Incompatibility (Materials to Avoid)

Organic materials, reducing agents.

Hazardous Decomposition Products

Thermal decomposition or burning may produce oxides of nitrogen (NO₂), lead fumes.

SECTION VI - BUILDUP LEAK PROCEDURES

Steps to be taken in case material is released or spilled

Wear suitable protective clothing; avoid making dust, sweep up and place in a suitable container. Dispose of in an approved chemical landfill. Wash spill area well with soap and water.

SECTION VII - SPECIAL PROTECTION INFORMATION

Discharge, treatment, or disposal may be subject to federal, state, or local laws.

Ventilation

Local Exhaustion

General

Recommended

Eye Protection

Special

Other Protective Equipment

Sweat, apron, eye with section, goggles, ventilation hood, proper gloves.

SECTION VIII - SPECIAL PRECAUTIONS

Precautions to be Taken in Handling and Storing

Store in a cool, dry place away from combustible materials and fire hazards. Keep from contact with chlorine. Wash thoroughly after handling.

Other Precautions

Read label on container before using. Do not breathe dust or fumes. Use with adequate ventilation. Remove and wash contaminated clothing promptly.

For laboratory use only. Not for drug, food or household use. Keep out of reach of children.

Rev. No. 1/1/67 Date 11/17/67 Approved [Signature] Chemical Safety Coordinator

The information contained herein is furnished without warranty of any kind. Employers should use this information only in conjunction with other information gathered by them, and must make independent determinations as to its applicability to their own operations.

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Mallinckrodt Material Safety Data

Emergency Phone Number: 314-982-5000

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Mallinckrodt, Inc., Science Products Division, P.O. Box M, Paris, KY 40361.

Addendum to Material Safety Data Sheet

REGULATORY STATUS

This Addendum Must Not Be Detached from the MSDS
Identifies SARA 313 substance(s)
Any copying or redistribution of the MSDS must include a copy of this addendum
(Chem.Key: LEANI)

Hazard Categories for SARA
 Section 311/312 Reporting
 Acute Chronic Fire Pressure Reactive

 X X X X

Product or Components of Product:
LEAD NITRATE (10099-74-8)

SARA EHS Sect. 302 RQ (lbs.)	TPQ (lbs.)	SARA Section 313 Chemicals Name List	Chemical Category	CERCLA Sec.103 RQ (lbs.)	RCRA Sec. 261.33
No	No	No	Lead compound	100	No

SARA Section 302 EHS RQ: Reportable Quantity of Extremely Hazardous Substance, listed at 40 CFR 355.

SARA Section 302 EHS TPQ: Threshold Planning Quantity of Extremely Hazardous Substance. An asterisk (*) following a Threshold Planning Quantity signifies that if the material is a solid and has a particle size equal to or larger than 100 micrometers, the Threshold Planning Quantity = 10,000 LBS.

SARA Section 313 Chemicals: Toxic Substances subject to annual release reporting requirements listed at 40 CFR 372.65.

CERCLA Sec. 103: Comprehensive Environmental Response, Compensation and Liability Act (Superfund). Releases to air, land or water of these hazardous substances which exceed the Reportable Quantity (RQ) must be reported to the National Response Center, (800-424-8802); Listed at 40 CFR 302.4

RCRA: Resource Conservation and Reclamation Act. Commercial chemical product wastes designated as acute hazards and toxic under 40 CFR 261.33

Effective Date: 08-08-85

LEAD NITRATE