

GELEST, INC.

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MATERIAL SAFETY
DATA SHEET

EMERGENCY TELEPHONE
CHEMTREC: 1-800-424-9300

NAME USED ON LABEL: **LEAD II NEODECANOATE, 60% - PBL6340**
CHEMICAL NAME: LEAD II NEODECANOATE, 60% in naptha
SYNONYMS: LEAD II DIMETHYLOCTANOATE; NEODECANOIC ACID, LEAD SALT
CHEMICAL FAMILY: LEAD COMPOUND
FORMULA: C₂₀H₃₈O₄Pb
HMIS CODES HEALTH: 3 FLAMMABILITY: 2 REACTIVITY:0

INGREDIENTS

IDENTITY	CAS NO.	%	TLV
LEAD II NEODECANOATE, 60%	27253-28-7	>60	0.15 mg/m ³ as lead
MINERAL SPIRITS	8032-32-4	>40	350mg/m ³

PHYSICAL DATA

Boiling Point, initial 150°C - naptha	Melting Point: NA
Specific Gravity: 1.11	Vapor Pressure: not determined
Vapor Density: 4.9 (mineral spirits)	Solubility in water: insoluble
% volatiles: >40	Evaporation rate: NA
Molecular Weight: 549.69	Other: NA
Appearance & Color: Amber to brown liquid	

FIRE & EXPLOSION DATA

Flash Point, COC: 48°C (118°F) Autoignition Temp.: not determined
Flammability Limits- LEL: 1.0% UEL: ND

Extinguishing Media: Water spray, foam, carbon dioxide, dry chemical.
Special Fire Fighting Procedures: Avoid eye and skin contact. Do not breathe fumes or inhale vapors.
Unusual Fire and Explosion Hazards: Irritating fumes and organic acid vapors may develop when material is exposed to elevated temperatures or open flame.

-1-(PBL6340)

ENVIRONMENTAL INFORMATION

Spill response: Eliminate all ignition sources. Use oil absorbent to absorb material and transfer to a suitable container for disposal. May be hazardous to aquatic life if released to open waters.

Recommended Disposal: Absorb material, then dispose of as solid waste. Follow all chemical pollution control regulations.

HEALTH HAZARD DATA

Eye Contact: Can cause immediate or delayed severe eye irritation.

Skin contact: May produce irritation or contact dermatitis which may be delayed several hours. Prompt and thorough washing with soap and water will reduce or eliminate potential dermal effects.

Inhalation: Inhalation may irritate the respiratory tract. Volatile compounds of lead should be treated with extreme caution.

Oral Toxicity: not determined

Chronic Toxicity: Exposure to dust or fumes of organic lead compounds is known to cause toxic effects. Lead is a cumulative poison.

SUGGESTED FIRST AID

EYES: In case of contact, immediately flush eyes with flowing water for at least 15 minutes. Get medical attention.

SKIN: Flush with water, then wash with soap and water.

INHALATION: Move exposed individual to fresh air. Administer oxygen if needed. Call a physician.

INGESTION: Never give fluids or induce vomiting if patient is unconscious or having convulsions. Get medical attention. *Physician note: Diagnostic mobilization of lead with calcium EDTA may be useful in questionable cases.*

REACTIVITY DATA

Stability: Stable

Conditions to avoid: Material decomposes slowly in contact with air by reaction with water and carbon dioxide.

Hazardous decomposition products: Organic acid vapors and lead oxide fumes.

-2-(PBL6340)

SPECIAL PROTECTION INFORMATION

Ventilation: Local exhaust is required. Mechanical is recommended.

Respiratory Protection: If exposure exceeds TLV, NIOSH approved dust and mist respirator.

Eye and Face Protection: Chemical worker's goggles. Do not wear contact lenses.

Other Clothing and Equipment: Rubber, neoprene or nitrile gloves. An eyewash and emergency shower should be available. Launder clothing before reuse.

OTHER PRECAUTIONS

For research and industrial use only.

Storage and Handling: Store in sealed containers.

OTHER NOTICES

NOTE: OSHA 29 CFR 1910.1025 OSHA Lead Standard includes lead soaps.

TRANSPORTATION

DOT SHIPPING NAME: Driers, Paint or Varnish Liquid, NOS

DOT HAZARD CLASS: Combustible Liquid

DOT LABEL: None required

DOT ID No: UN1168

Prepared by safety and environmental affairs ISSUE DATE PBL6340: 11/24/03
SUPERSEDES: 8/28/92

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