



MATERIAL SAFETY DATA SHEET

Premiere Concrete Admixtures
508 Cedar Street
Pioneer, OH 43554
419-737-9808

24 Hour Emergency Contact
CHEMTREC 800-424-9300

Section I - PRODUCT IDENTITY: *Impede® LN*

Section II - HAZARDOUS INGREDIENTS:

Material:	CAS#	TLV	STEL	PEL	CONTENT
Lithium Nitrate	7790-69-4		N.E	N.E	10.0 – 30.0%

Section III - PHYSICAL CHARACTERISTICS:

N/Av = Not Available N/Ap = Not Applicable ca. = Approximate

Boiling Point F° (°C): 212 (100)	Freezing Point F° (°C): no data available
VOC (w/w): 0%	Solubility in Water: Soluble
Specific Gravity: 1.19 – 1.21	Appearance: Clear, colorless, solution
pH: 3 - 6	Odor: none

Section IV - FIRE AND EXPLOSION HAZARD DATA:

HMIS Hazard Rating:	0 (Minimal)
Flash Point: N/A	Method: Not Applicable
Auto-Ignition Temperature:	Not Applicable
Limits of Flammability:	LEL: Not Applicable UEL: Not Applicable
Special Fire & Unusual Hazards:	None known
Extinguishing Media: This material does not give a flash point by conventional test methods, use extinguishing agent suitable for type of surrounding fire.	

Section V - REACTIVITY DATA:

HMIS Hazard Rating:	0 (Minimal)
Stability:	Stable. Not sensitive to mechanical impact.
Incompatibility:	Strong mineral acids.
Hazardous Polymerization:	Will not occur.
Hazardous Decomposition Products: (After water has evaporated.) Oxides of Carbon, Nitrogen and Lithium	

Section VI - HEALTH HAZARD DATA:

HMIS Hazard Rating:	1 (Slight)
PRIMARY ROUTE OF ENTRY:	Dermal, Eyes, Inhalation

Effects of Overexposure

Inhalation: At room temperature, exposures to vapors are unlikely due to physical properties.

Eyes: May cause slight transient irritation.

Skin Contact: Prolonged or repeated skin contact tends to remove skin oils possibly leading to irritation and dermatitis.

Skin Absorption: Not expected to be absorbed through the skin in sufficient quantities to increase overall toxicity.

Ingestion: Amounts ingested, incidental to industrial handling, are not expected to cause injury.

Chronic: Product does not contain carcinogenic materials as defined by 29 CFR 1910.1200.

Section VII - FIRST AID:

Inhalation: Remove victim from exposure. If difficulty with breathing, administer oxygen. If breathing has stopped administer artificial respiration. Seek medical attention.

Eyes: Flush eyes with water, lifting upper and lower lids occasionally for 15 minutes. Seek medical attention.

Skin: Remove contaminated clothing. Wash thoroughly with soap and water. If irritation persists seek medical attention. Wash contaminated clothing before reuse.

Ingestion: Contact physician or call Poison Control Center immediately. Do **NOT** give anything by mouth to an unconscious person.

Section VIII - SPECIAL PROTECTION INFORMATION:

Ventilation: Ventilation is generally not required.

Personal Protection Equipment: Use chemical goggles/safety glasses with side shields and Rubber/Latex gloves. Selection of specific items such as boots and apron will depend on operation.

Section IX - ENVIRONMENTAL & DISPOSAL INFORMATION:

Action to Take for Spills/Leaks: Wear appropriate protective equipment. Take action to eliminate source of leak; contain spill by diking; vacuum up liquid or use absorbent media; remove to storage for disposal and rinse residual stain with water.

Waste Disposal Method: Dispose in accordance with local, provincial, state and federal regulations

Section X - REGULATORY INFORMATION:

Title III Section 302: No reportable chemicals.

Title III Section 311/312: Health hazard: Immediate (Acute)

Title III Section 313: LITHIUM NITRATE cas # 7790-69-4 Weight 10.00 – 30.00%

TSCA: All components of this product are included in the EPA Toxic Substances Control Act (TSCA)

Chemical Substance Inventory: N/A

State: California: No reportable chemicals

Section XI - TRANSPORTATION INFORMATION:

Shipping Name: NOT REGULATED

Emergency Response Guide Page No.: NOT REGULATED

DOT Reportable Quantity: NO REPORTABLE CHEMICALS

Marine Pollutant: NL

P = Moderate PP = Severe WS = Water Sheen NL = Not Listed ND = Not Determined

Section XII - ADDITIONAL INFORMATION:

Average Shelf Life: 18 months

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Date Prepared: February 1, 2009

Prepared by: Department of Environmental, Health and Safety