

## TECHNICAL DATA SHEET

# LITHIUM NITRATE 30% SOLUTION

### Chemical & Physical Properties

|                                |                             |
|--------------------------------|-----------------------------|
| Chemical Formula               | LiNO <sub>3</sub>           |
| CAS Number                     | 7790-69-4                   |
| Specific Gravity @ 68°F (20°C) | 1.20                        |
| Freezing Temp                  | 18°F (-8°C)                 |
| Boiling Temp                   | 100°F (212°C)               |
| Color                          | Colorless to pale yellow    |
| Odor                           | No odor detected            |
| Weight per Gallon              | 10.00 lbs./gal (1.198 kg/L) |
| pH - 1:6 Dilution              | 7-10                        |
| Viscosity                      | 2.0 - 2.1 MPa·s             |

30% Solution

Li

NITRATE

### Typical Analysis

|                                   |         |
|-----------------------------------|---------|
| Lithium Nitrate LiNO <sub>3</sub> | 30.0%   |
| Lithium (Li)                      | 3.0%    |
| H <sub>2</sub> O Insolubles       | < 0.01% |

### Description

Lithium Nitrate is a concrete additive formulated to prevent and control alkali-silica reactivity (ASR).

### Availability

Lithium Nitrate solution is available for shipment via:

- Bulk Tanker: 48,000 lbs.
- 275 Gallon IBC: 3,200 lbs.
- 55 Gallon Drum: 540 lbs.

### Shipping

Lithium Nitrate 30% Solution is not regulated as a hazardous chemical by the DOT.

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