

SECTION 1
IDENTIFICATION OF THE PRODUCT AND OF THE SUPPLIER

Product Name Lithium Nitrate

OtherName LiNO3

Manufacturer

Scancia

955 av. St-Jean-Baptiste

Québec, Qc G2E 5J5

IN CASE OF EMERGENCY

Call CANUTEC at 613-996-6666 (24h)

SECTION 2
HAZARD IDENTIFICATION

Irritating to eyes, respiratory system and skin.

SECTION 3
COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	%	CAS	EC-No
Lithium Nitrate	100	7790-69-4	

SECTION 4
FIRST AID MEASURES

General Remove contaminated clothing, wash thoroughly before reuse.

Eyes Flush with water for at least 15 minutes occasionally lifting upper and lower eyelids.

Skin Remove contaminated clothing and flush with water thoroughly.

Inhalation Move to fresh air. Consult doctor if symptoms persist.

Ingestion If large amounts were swallowed, get immediate medical help. If the patient is conscious, give large quantities of water.

SECTION 5
FIREFIGHTING MEASURES

Flash Point Not Applicable

Extinguishing Appropriate to surrounding fire conditions.

Special None identified.

Protective Equipment Wear appropriate to surrounding fire conditions.

**SECTION 6
ACCIDENTAL RELEASE MEASURES**

Use a vacuum system equipped with an appropriate fine particule collector.

**SECTION 7
HANDLING AND STORAGE**

Have an immediate availability of an eye wash in case of emergency. Store at room temperature. Keep the container tightly closed.. Use good Laboratory Practice when working with any chemical whether it is considered hazardous or not.

**SECTION 8
EXPOSURE CONTROLS/PERSONAL PROTECTION**

Wear goggles and gloves. Use respirator if particles are raised when using this.

**SECTION 9
PHYSICAL AND CHEMICAL PROPERTIES**

Form	Solid	Boiling point	N/A
Molecular weight	68,95 g/mol	Solubility	430 g/l (water, 20 °C)
Appearance	White crystals	Flash point	N/A
Density	2.38 g/ml (20 °C)	Decomposition temp.	N/A
pH	N/A	Flammability	N/A
melting point/freezing point	255 °C	Vapor pressure	N/A

**SECTION 10
STABILITY AND REACTIVITY**

Stability	Stable under normal storage and use.
Reactivity	No information.
Hazardous reactions	No information.
Conditions to avoid	No information.
Matériaux incompatible	No information.
Hazardous decomposition	No information.

**SECTION 11
TOXICOLOGICAL INFORMATION**

General May irritate skin. Taken orally, Lithium salts can cause nausea, vomiting and abdominal pain. Central nervous system effects including slurred speech, blurred vision, dizziness, sensory loss, convulsions and stupor have been reported. Chronically, lithium effects the central nervous system, kidneys, gastrointestinal tract and causes Dermatological reactions. May cause fatigue, weight loss and thyroid disturbance. Signs of lithium poisoning are anorexia, general weakness, dehydration and dryness of the

mouth

Toxicity No Information available

**SECTION 12
ECOLOGICAL INFORMATION**

No information is found on environmental toxicity for this.

**SECTION 14
TRANSPORT INFORMATION**

Hazard Class: 5.1 Packing Group: III

UN UN2722

**SECTION 15
REGULATORY INFORMATION**

USA Listed in EPA TSCA Inventory

WHMIS (Canada) WHMIS Classification C: Oxidizing Material

EC: EC Guidelines: Safety Phrases:
36/37 - Wear suitable protective clothing, and gloves,
26 - in case of contact with eyes, rinse immediately with plenty of water and seek medical attention.
45 - in case of accident or if you feel unwell, seek medical advice immediately.

**SECTION 16
OTHER INFORMATION**

Reference Not Available.

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