

**SECTION 1
IDENTIFICATION OF THE PRODUCT AND OF THE SUPPLIER****Product Name** Lithium Bromide Solution**OtherName****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**

May be irritating to eyes, respiratory system and skin.

**SECTION 3
COMPOSITION/INFORMATION ON INGREDIENTS**

Ingredient	%	CAS	EC-No
Lithium Bromide	10-30	[7790-22-9]	
Water	70-90	[7732-18-5]	

**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**

Contain and recover liquid when possible. Collect liquid in an appropriate container or absorb with an inert material (e. g., vermiculite, dry sand, earth), and place in a chemical waste container. Small amounts of residue may be flushed to sewer with plenty of water.

**SECTION 7
HANDLING AND STORAGE**

Have an immediate availability of an eye wash in case of emergency. Store at room temperature. Protect from freezing. 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.

**SECTION 9
PHYSICAL AND CHEMICAL PROPERTIES**

Form	Liquid	Boiling point	
Molecular weight	Not Applicable	Solubility	N/A
Appearance		Flash point	
Density	Not Applicable	Decomposition temp.	
pH		Flammability	Inflammable
melting point/freezing point	N/A	Vapor pressure	

**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 13
DISPOSAL CONSIDERATIONS**

Contact local Hazardous or Chemical waste disposal agency for regulations.

**SECTION 14
TRANSPORT INFORMATION**

Not regulated in USA and Canada

UN N/A

**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.

Creation: 02/12/2010