

SECTION 1
IDENTIFICATION OF THE PRODUCT AND OF THE SUPPLIER

Product Name Fusion Flux SC1007-02
Fusion Flux SC1007-03

OtherName LiT/LiI 99.50/0.50

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 tetraborate, Li ₂ B ₄ O ₇	99.5	[12007-60-2]	234-514-3
Lithium Iodide, LiI	0.5	[10377-51-2]	233-822-5

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

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	Beads	Boiling point	N/A
Molecular weight	Not Applicable	Solubility	N/A
Appearance	White crystals	Flash point	N/A
Density	Lithium Metaborate: 1.397	Decomposition temp.	N/A
pH	N/A	Flammability	N/A
melting point/freezing point	Lithium Metaborate: 846 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**

Not regulated in USA and Canada

UN N/A

**SECTION 15
REGULATORY INFORMATION**

USA Listed in EPA TSCA Inventory

WHMIS (Canada) Not controlled under WHMIS

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: 01/04/2010