

**SECTION 1**  
**IDENTIFICATION OF THE PRODUCT AND OF THE SUPPLIER**

**Product Name** Fusion Flux SC5005-02  
Fusion Flux SC5005-03  
**OtherName** LiT/LiM/LiBr 49.75/49.75/0.50

**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 <sub>2</sub> B <sub>4</sub> O <sub>7</sub>	49.75	[12007-60-2]	234-514-3
Lithium metaborate, LiBO <sub>2</sub>	49.75	[13453-69-5]	236-631-5
Lithium Bromide, LiBr	0.5	[7550-35-8]	231-439-8

**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

<b>Form</b>	Beads	<b>Boiling point</b>	N/A
<b>Molecular weight</b>	Not Applicable	<b>Solubility</b>	N/A
<b>Appearance</b>	White crystals	<b>Flash point</b>	N/A
<b>Density</b>	Lithium Metaborate: 1.397	<b>Decomposition temp.</b>	N/A
<b>pH</b>	N/A	<b>Flammability</b>	N/A
<b>melting point/freezing point</b>	Lithium Metaborate: 846 C	<b>Vapor pressure</b>	N/A

## SECTION 10 STABILITY AND REACTIVITY

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

## SECTION 11 TOXICOLOGICAL INFORMATION

<b>General</b>	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
<b>Toxicity</b>	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