SECTION 1 IDENTIFICATION OF THE PRODUCT AND OF THE SUPPLIER

Product Name Fusion Flux SC6705-02

Fusion Flux SC6705-03

OtherName LiT/LiM/LiBr 66.67/32.83/0.50

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 | 66.67 | [12007-60-2] | 234-514-3 |
| Lithium metaborate, LiBO₂ | 32.83 | [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 equiped 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 |
| рН | 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.

ReactivityNo information.Hazardous reactionsNo information.Conditions to avoidNo information.Matériaux incompatibleNo information.HazardousNo information.

decomposition

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

moutr

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 InventoryWHMIS (Canada) Not controlled under WHMISEC: 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