



# FLUORIDE NO 1

## 6 ACCIDENTAL RELEASE MEASURES

### PERSONAL PRECAUTIONS

Wear protective clothing as described in Section 8 of this safety data sheet.

### SPILL CLEAN UP METHODS

Collect in containers and seal securely.

## 7 HANDLING AND STORAGE

### HANDLING

Read and follow manufacturer's recommendations. Avoid contact with eyes.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

### HAND PROTECTION

Use suitable protective gloves if risk of skin contact.

### EYE PROTECTION

Wear approved chemical safety goggles where eye exposure is reasonably probable.

### HYGIENE MEASURES

No specific hygiene procedures noted, but good personal hygiene practices are always advisable, especially when working with chemicals. Wash promptly if skin becomes contaminated.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

|            |                   |
|------------|-------------------|
| APPEARANCE | Solid             |
| COLOR      | White             |
| ODOR       | Odorless          |
| SOLUBILITY | Soluble in water. |

## 10 STABILITY AND REACTIVITY

### STABILITY

Stable under normal temperature conditions and recommended use.

## 11 TOXICOLOGICAL INFORMATION

## 12 ECOLOGICAL INFORMATION

### ECOTOXICITY

The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

## 13 DISPOSAL CONSIDERATIONS

### DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements.

## 14 TRANSPORT INFORMATION



|                          |                   |                         |           |
|--------------------------|-------------------|-------------------------|-----------|
| DOT PROPER SHIPPING NAME | LITHIUM HYDROXIDE |                         |           |
| DOT PROPER SHIPPING NAME | LITHIUM HYDROXIDE |                         |           |
| IDENTIFICATION No.       | 2680              | TUNNEL RESTRICTION CODE | (E)       |
| CEFIC TEC(R) NO.         | 80GC6-II+III      | DOT HAZARD CLASS        | 8         |
| DOT PACKING GROUP        | II                | U.S DOT HAZARD LABEL    | Corrosive |
| UN NO. SEA               | 2680              | IMDG CLASS              | 8         |
| IMDG PACK GR.            | II                | EMS                     | F-A, S-B  |
| UN NO. AIR               | 2680              | ICAO CLASS              | 8         |

**FLUORIDE NO 1**

|              |    |                   |    |
|--------------|----|-------------------|----|
| AIR PACK GR. | II | TDG CLASS         | 8  |
| TDG LABEL(S) | 8  | TDG PACKING GROUP | II |

**15 REGULATORY INFORMATION**

INVENTORIES

| COMPONENT          | CAN | US  | EU | AUS | JAP | KOR | CHN | PHLP |
|--------------------|-----|-----|----|-----|-----|-----|-----|------|
| POTASSIUM CHLORIDE | DSL | Yes |    |     |     |     |     |      |
| LITHIUM HYDROXIDE  | No  | No  |    |     |     |     |     |      |

| COMPONENT          | TSCA 12(b) Export Notification |
|--------------------|--------------------------------|
| POTASSIUM CHLORIDE | No                             |
| LITHIUM HYDROXIDE  | No                             |

US FEDERAL REGULATIONS

| COMPONENT          | SARA 302-TPQ | CERCLA-RQ  | SARA 313 |
|--------------------|--------------|------------|----------|
| POTASSIUM CHLORIDE |              | Not Listed | No       |
| LITHIUM HYDROXIDE  |              | Not Listed | No       |

CLEAN AIR ACT

| COMPONENT          | CAA Accidental Release Prevention |
|--------------------|-----------------------------------|
| POTASSIUM CHLORIDE | Not Listed                        |
| LITHIUM HYDROXIDE  | Not Listed                        |

US STATE REGULATIONS

| COMPONENT          | CAS       | CA         | FL         | MA         | MN         | NJ         | PA         | RI         |
|--------------------|-----------|------------|------------|------------|------------|------------|------------|------------|
| POTASSIUM CHLORIDE | 7447-40-7 | Not Listed | Not Listed | Not Listed | Not Listed | Not Listed | Not Listed | Not Listed |
| LITHIUM HYDROXIDE  | 1310-66-3 | Not Listed | Not Listed | Not Listed | Yes        | Yes        | Not Listed | Not Listed |

**16 OTHER INFORMATION**

SAFETY DATA SHEET STATUS

Approved.  
 DATE 8 Jan 2010  
 SIGNATURE D Ellis

DISCLAIMER

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