

Name of the Product : **Lithium fluoride, A.R.**
 Code No. : **RM2890**
 Section 1 : **Chemical Identification**
 Code No. : RM2890
 Name of the Product : Lithium fluoride, A.R.
 Produced by : HiMedia Laboratories Pvt. Ltd.
 Address : 23, Vadhani Indl. Estate, LBS Marg, Mumbai 400 086, India.
 Tel. No. : 2500 0970, 2500 1607 Fax No. 022 2500 2468

Section 2 : **Lithium fluoride, A.R.**
 Toxic material



Information on Ingredients

Lithium fluoride, A.R.

CAS No. : 7789-24-4

R : 23/24/25-32-36/38 S : 22-26-36/37/39-45

RTECS : OJ 6125000

Section 3 : **Hazards Identification**



Hazard : The substances are very hazardous to health when breathed, swallowed or in contact with the skin and may even lead to death. Non-recurring, recurring or lengthy exposure to these substances may result in irreversible damage.

Caution : Avoid contact with the human body, and immediately consult a doctor in cases of malaise.

Section 4 : **First - Aid Measures**

In case of swallowing, wash out mouth with water provided person is conscious. In case of skin contact, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. In case of inhalation, remove to fresh air. If breathing becomes difficult, call physician. In case of contact with eyes, wash with copious amounts of water for at least 15 minutes. Assure adequate washing by separating the eyelids with fingers. In serious conditions, call a physician, show the container or label.

Section 5 : **Fire Fighting Measures**

Extinguishing Media. Water spray.

Carbon dioxide, dry chemical powder or appropriate foam. Special firefighting procedures. Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Unusual fire and explosion hazards. Emits toxic fumes under fire conditions.

Section 6 : **Accidental Release Measures**

Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves. Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

Section 7 : **Handling and Storage**

Handling - Refer to Section 8

Storage - Store below 30°C

Section 8 : **Exposure Controls / Personal Protection**

Wear appropriate NIOSH/MSHA-approved respirator, chemical-resistant gloves, safety goggles, other protective clothing. Mechanical exhaust required.

Section 9 : Physical and Chemical Properties

Appearance : Fluffy powder
Colour : White

Section 10 : Stability and Reactivity

Stability : Product is stable if stored as per the conditions specified under storage of Section No. 7. Product loses its potency/performance above 45°C.
Conditions to avoid : Heat and light.
Decomposition products : If product is decomposed toxic fumes of Carbon monoxide and Carbon dioxide may evolve. Hazardous polymerization will not occur.

Section 11 : Toxicological Information

Acute Effects : May be harmful if swallowed.
Exposure can cause : Stomach pains, vomiting, diarrhoea. Severe inflammation of the colon. Appears to penetrate well into bone and central nervous system. Possesses neuromuscular blocking activity.
Prolonged or repeated exposure may cause allergic reactions in certain sensitive individuals.
Target organ(s) : G.I. system
RTECS No. : OJ 6125000
For complete information RTECS may be referred

Section 12 : Ecological Information

Data not available

Section 13 : Disposal Considerations

On completion of work all used or unusable preparations of this product and derivatives thereof are to be disposed off by autoclaving and/or by incineration. Dispose off waste in accordance with all applicable Federal, State and local laws

Section 14 : Transport Information

UN No. : Not applicable.

Section 15 : Regulatory Information

Risk Phrases : Toxic by inhalation, in contact with skin and if swallowed
Risk Phrases : Contact with acids liberates very toxic gas
Risk Phrases : Irritating to skin and eyes
Safety Phrases: Do not breathe dust
Safety Phrases: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
Safety Phrases: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)
Safety Phrases: Wear suitable protective clothing, gloves and eye/face protection



Significance of signs : The substances are very hazardous to health when breathed, swallowed or in contact with the skin and may even lead to death. Non-recurring, recurring or lengthy exposure to these substances may result in irreversible damage.

Section 16 : Other Information

The information contained in this data sheet represents the best information currently available to us. However, no warranty is made with respect to its completeness and we assume no liability resulting from its use. The information is offered solely for users' obligation to investigate and determine the suitability of the information for their particular purpose.
