

## LITHIUM CHLORIDE ANHYDROUS AR

|                                    |  |             |
|------------------------------------|--|-------------|
| <b>PRODUCT CODE</b>                | <b>565435</b>  |             |
| <b>SYNONYMS</b>                    | --   |             |
| <b>C.I. NO.</b>                    | --   |             |
| <b>CASR NO.</b>                    | <b>(7447-41-8)</b>   |             |
| <b>ATOMIC OR MOLECULAR FORMULA</b> | <b>LiCl</b>  | <b>LiCl</b> |
| <b>ATOMIC OR MOLECULAR WEIGHT</b>  | <b>42.39</b>   |             |
| <b>PROPERTIES</b>                  | <b>Hygroscopic. Not to be used as dietary salt substitute.</b> |             |

| <b>PARAMETER</b>              | <b>LIMIT</b>                                       |
|-------------------------------|--|
| Description                   | A white hygroscopic granular / crystalline powder. |
| Solubility                    | Soluble in water                                   |
| Minimum Assay (Argentometric) | 99.0%  |
| pH (of 5% Solution in water)  | 5 - 7  |

| <b>MAXIMUM LIMIT OF IMPURITIES</b> |              |
|------------------------------------|--------------|
| Loss on drying                     | 1.0%         |
| Insoluble matter                   | 0.01%        |
| Titration base                     | 0.008 meq /g |
| Nitrate ( NO <sub>3</sub> )        | 0.001%       |
| Sulphate (SO <sub>4</sub> )        | 0.005%       |
| Barium (Ba)                        | 0.002%       |
| Calcium (Ca)                       | 0.005%       |
| Heavy metal (as Pb)                | 0.002%       |
| Iron (Fe)                          | 0.0005%      |
| Lead (Pb)                          | 0.0005%      |
| Magnesium (Mg)                     | 0.005%       |
| Potassium (K)                      | 0.01%        |
| Sodium (Na)                        | 0.2%         |

**Note(s) : Assay (if applicable) method mentioned.**

|  |   |
|--|---|
| <p><b>DANGER</b></p> <p><b>Hazard statements:</b> Harmful if swallowed. Causes skin irritation. Causes eye irritation. May damage the unborn child</p> <p><b>Precautionary statements</b></p> <p><b>Prevention:</b> Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Wash thoroughly after handling. Obtain special instructions before use. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling</p> <p><b>Response:</b> IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If exposed or concerned: Get medical attention advice. If eye irritation persists, get medical advice/attention. If skin irritation occurs, seek medical advice /attention. Remove /Take off immediately all contaminated clothing. Specific treatment: refer to Label or MSDS. IF ON SKIN: Gently wash with plenty of soap and water. Wash/Decontaminate removed clothing before reuse.</p> <p><b>Disposal:</b> Dispose of contents and container in accordance with relevant legislation.</p> | <p>IMDG Code : --</p> <p>UN No. : --</p> <p>IATA : --</p> |
|--|---|

**Hazard Pictogram(s) :--**



GHS07



GHS08