

QS-PDS-1009 Revision: 00



**Application** Corrosion inhibiting Dehumidifying system solution

**Appearance** Clear colorless solution

### Product Specifications

### Guaranteed

LiCl, wt%	37.2 – 39.0
Alkalinity (as LiOH), N	0.01 – 0.03

### Other Data

### Range

Density at 25°C	1.235 – 1.265 g/ml
	10.3 – 10.55 lb/gal
Contained LiCl	0.47 – 0.53 g/ml
	3.91 – 4.43 lb/gal

### Physical Properties (37% LIMIT<sup>®</sup> 301 Solution)

Density @ 25°C	1.250 g/ml
Crystallization temperature	-3°C (LiCl-2H <sub>2</sub> O)
Boiling Point	133°C
Heat capacity @ 18°C	2.69 joules/g°C

### Vapor Pressure

Temperature (°C)	Vapor Pressure mm Hg
20	3.3
40	13
60	40
80	98
100	210

### Air Treatment Construction Energy Fine Chemicals Glass & Ceramics Greases & Lubricants Polymers Pool Water Treatment

MARKETS SERVED	NORTH AMERICA AND HEADQUARTERS	EUROPE	JAPAN	CHINA	INDIA	TAIWAN
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**Toxicity/Safety Data** Water-white liquid. This product is moderately irritating to the skin, eyes, nose and throat. Ingestion may cause drowsiness, weakness, tremors, anorexia, nausea, blurred vision, and muscle spasm.

Additional information on toxicity and safety is contained in the Material Safety Data Sheet (MSDS) available for this product.

**Handling/ Storage/ Disposal** Avoid contact with eyes, skin or clothing. Avoid breathing mist. Use with adequate ventilation. Wear safety glasses or goggles and rubber gloves. Wash thoroughly after handling. Keep away from strong acids. Keep container closed.

Dispose of waste according to local and Federal laws and regulations.

**Shipping Containers** 565 pounds (256 kg) solution in a 55-gallon (208 L) plastic cube. European shipments are 140 kg solution in a 125 liter polyethylene lined fiber drum.

**Shipping Limitations** Shipments of LIMIT<sup>®</sup> 301 require no hazardous shipping labels. Shipments by post, parcel, air, water, rail, or truck are acceptable within each carrier's weight limits and packaging requirements.

For shipments within Europe labeling for supply requirements are:

Xn Harmful  
R&S phrases see Material Safety Data Sheet

Responsible Care initiative dictates that all shipments of lithium chemicals must be transported in an approved vehicle in a responsible manner (i.e., no flat bed trucks).