



LIQUID DESCALIT™

ACID BASED CLEANER

DESCRIPTION

LIQUID DESCALIT™ is an economic all-purpose lime scale dissolver for use on problem scales found in cooling and heating equipment. **LIQUID DESCALIT™** contains patented corrosion inhibitors, anti-foaming agents and a color indicator to tell product strength.

CHARACTERISTICS

- * Contains patented corrosion inhibitors
- * Removes lime scale
- * Contains anti-foaming agents
- * Contains color indicator

APPLICATIONS

LIQUID DESCALIT™ is used to remove lime scale and rust in water heaters, cooling towers, condensers, valves, pumps, compressors, drains and heating coils. **LIQUID DESCALIT™** is safe for use on copper, steel, rubber and plastic. Do not use on aluminum, magnesium, nickel, chrome, tin plate or galvanized metal. The color indicator will show how much **LIQUID DESCALIT™** is required and when the job is completed. Yellow solution - full strength, green solution - medium strength and blue solution - weak.

PACKAGING

<u>Code</u>	<u>Size</u>	<u>Qty./Case</u>	<u>Lbs./Case</u>	<u>Cu. Ft./Case</u>
80902	Gallon	4	40	1.27
80904	5 Gallon	1	50	0.92

INSTRUCTIONS

READ ALL DIRECTIONS, MSDS AND WARNINGS ON LABEL BEFORE USING

BOILER CLEANING

1. Allow boiler to cool. Do not add **LIQUID DESCALIT™** to a hot boiler. Water temperature should be below 120°F.
2. Fill boiler with water to top of tubes, run a 3/4" vent line from top of the boiler to a window to vent gases.
3. Add 1 gallon of **LIQUID DESCALIT™** to each 25 gallons of water contained in the boiler. Follow pH color indicator chart as recommended in general directions.
4. Recirculate if possible one to two hours. Do not turn on boiler or heat water.
5. Drain system, refill with water, and drain again.
6. Refill with water, and add 4 lbs Sodium Bicarbonate (baking soda) for each gallon of **LIQUID DESCALIT™** used.
7. Add 1 qt. of 8-way™ for each 25 gallons of water to protect against corrosion and scale.

COOLING TOWER CLEANING

1. Pre-clean system of all loose debris.
2. Check spray nozzles and water distribution system.
3. Flush and drain dirt from sump and refill.
4. Shut valves to condenser if only cooling tower to be cleaned.

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5. Shut off bleed-line.
6. Add 1 gallon of LIQUID DESCALIT™ for every 100gallons of water in the system.
7. Follow pH color indicator chart as recommended in general instructions.
8. Shut off fans and recirculate for one to two hours.
9. Bleed system. When all color has been bled from system,add 4 lbs. of Sodium Bicarbonate (baking soda) for each gallon of LIQUID DESCALIT™ used.
- 10.Treat cooling tower with CTT™ tablets to prevent corrosion and scale

General directions for LIQUID DESCALIT™

WATER HEATERS: Mix one part LIQUID DESCALIT™ with ten parts water and pour into heater.

HEATING COILS: Start with ½ gallon full strength LIQUID DESCALIT™ and pour into water side.

WATER METERS, VALVES, STERILIZERS, ELECTRIC HEATERS, and SUBMERSIBLE PARTS; Mix one part LIQUID DESCALIT™ to 2 parts water. Completely cover parts to be cleaned.

FOR ALL APPLICATIONS: BUILT IN COLOR STRENGTH INDICATOR

When used in systems with large unknown quantities of water, LIQUID DESCALIT™ built in color strength indicator lets you know its working.

SOLUTION COLOR	MEANING
Yellow	Solution at full strength
Green	Solution at medium strength
Blue	Add more LIQUID DESCALIT™ - solution weak

For additional technical information, call Toll Free 1-800-231-3345

PRECAUTIONS

**FOR CHEMICAL EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT,
CALL CHEMTREC - DAY OR NIGHT 1-800-424-9300**

POISON  **CAUSES SEVERE SKIN AND EYE BURNS**
VAPOR HARMFUL **MAY BE FATAL IF SWALLOWED OR INHALED**

DANGER: Contains **HYDROCHLORIC ACID**. Do not get in eyes or on clothing. Wear protective goggles, gloves and apron. Do not breath vapor or fumes. Keep container closed. Use with adequate ventilation. In case of spill flush away by flooding with water applied quickly to entire spill. Neutralize washings with lime or soda ash.

FIRST AID: Skin: Wash skin with plenty of soap and water. Get medical attention. **Eyes:** Hold eyes open and flush with water for 15 minutes. Get medical attention. **Ingestion:** Have victim drink water or milk. **DO NOT** induce vomiting. Get medical attention. **Inhalation:** Remove victim to fresh air. If not breathing, give artificial respiration. Get medical attention. **KEEP OUT OF REACH OF CHILDREN.**

For additional information, refer to Material Safety Data Sheet.

SPECIFICATIONS

Wt/Gal @ 77°F	9.24 lb./gal
Flash Point SETA CC	None
Color	Amber
Shelf Life	2 years minimum

Suggestions and recommendations covering the use of our products are based on our past experience and laboratory findings. However, as we have no control as to the methods and conditions of application, we only assume responsibility for the uniformity of our products within manufacturing tolerances.

LIMITED WARRANTY

Rectorseal® makes the Limited Express Warranty that when the instructions for storage and handling of our products are followed we warrant our products to be free from defects. **THIS LIMITED EXPRESS WARRANTY IS EXPRESSLY IN LIEU OF ANY OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, AND OF ANY OTHER OBLIGATION ON THE PART OF RECTORSEAL®.** The sole remedy for breach of the Limited Express Warranty shall be the refund of the purchase price. All other liability is negated and disclaimed, and Rectorseal® shall not be liable for incidental or consequential damages.

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