



ScaleSolv™ Non-Hazardous DeScaler

DESCRIPTION

ScaleSolv™ is a blend of non-hazardous, non-corrosive, biodegradable de-scaler. It is designed to remove carbonate (CO₃) based deposits. It also has the ability to dissolve and remove deposits caused by corrosion byproducts (e.g. iron oxides, iron carbonate, zinc carbonates).

The demonstration on the right uses a full strength of ScaleSolv™.

Note how it attacks the carbonate scale but not the skin.



BENEFITS

- Non-Regulated for transportation
- Non-Corrosive to skin and equipment
- Non-Hazardous and Biodegradable
- Prevents flash corrosion post cleaning
- Prevents dissimilar metal plating
- Safe to use on galvanized metals, aluminum, carbon and stainless steel, copper, brass, and plastic

APPLICATIONS

ScaleSolv™ is designed to dissolve carbonate deposits found in all types of water operated equipment, such as, boilers, cooling towers including galvanized towers, closed loops, heat exchangers, and aluminum molds.

DOSAGE

Depending on the characteristics of the deposits and the amount of cleaning time available, ScaleSolv™ can be used at full concentration or diluted down to 25%. The initial pH of the cleaning solution should be between 2.0 and 2.7. As the deposits are dissolved, the cleaning solution becomes weaker, and its pH increases. Add more ScaleSolv™ to keep the pH at about 2.0 to 3.3. At higher pH the cleaning solution becomes weaker. At pH of 4.0 and above, the cleaning solution becomes very weak for calcium carbonate removal. When the pH is stable for over an hour, and it is below 3.7, it is usually an indication that most deposits have been dissolved. Inspect the equipment for cleanliness. Repeat the procedure if needed.

The complete removal of any deposits depends on several factors such as chemical composition, age, and quantity. For these reasons it is difficult to predict exactly the cleaning time or the amount of ScaleSolv™ needed.

Prior to discharging to a sanitary sewer (not storm sewer), the spent cleaning solution must be treated properly according to the local, state, and federal regulations. Most regulations require the cleaning solution to be neutralized to a pH of 5 to 10. We recommend our UltraBuffer™ to neutralize the cleaning solution. The UltraBuffer™ is a non-caustic based buffer that is also, non-corrosive, and biodegradable.

PRODUCT SAFETY INFORMATION

For information concerning typical properties, health hazard, flammability, reactivity, please consult the material safety data sheet (MSDS).

PACKAGING

Available in 55, 30, 15, 5 gal drums, bulk shipments, and returnable 275 gallon tote containers.

TECHNICAL ASSISTANCE

Our technical staff is available to assist in the application of our products. You may request assistance through your sales representative or by contacting us at (877) 938-4621.

REMARKS

The information and statements herein are believed to be reliable, but are not to be construed as warranty or representation for which we assume legal responsibility.

For **Medical and Transportation Emergencies** involving our products call (24-hour response): **(800)535-5053**

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