

BIODEGRADABLE DESCALER

D-SCALE 101

Removes encrusted lime scale, rust and corrosion products and dirt from water wetted surfaces in process equipment

D-SCALE 101 is a water-based solvent containing wetting agents, corrosion inhibitors and degreasing compounds. D-SCALE 101 is designed to penetrate and remove encrusted lime scale, rust, corrosion products and dirt from water-wetted surfaces in process equipment. The solution can also be used to remove lime scale in commercial and industrial applications. D-SCALE 101 is non-toxic, non-corrosive and non-flammable and can be safely handled when used as directed in the technical literature.

D-SCALE 101 TECHNICAL SPECIFICATIONS:

- Has a pleasant sassafras odor and does not generate obnoxious odors when dissolving water scale or lime.
- Contains a pale yellow colored dye which changes to a purple color when the solution is spent.
- Has the ability to remove approximately 1.5 pounds of lime, and water scale per gallon of solution. Carbon dioxide (CO₂) gas is generated by the action of D-SCALE 101 solution on lime or water scale.
- A non-corrosive that will not adversely affect the following materials when used as directed: stainless steel, carbon steel, brass, admiralty metal, copper, iron, lead, PVC plastic, polyethylene, rubber, leather, or most metals or materials normally found in water-wetted equipment.
- A water-based solvent containing wetting agents, corrosion inhibitors and degreasing agents to penetrate and remove encrusted lime scale, rust and dirt from water-wetted surfaces in process equipment.
- Designed to safely remove lime deposits or water scale from:
 - Power plant boilers and piping systems and from evaporating equipment
 - Equipment in refineries, utility companies, paper mills, chemical plants, foundries and other industries
 - Sewage disposal plants, water treating facilities, and other municipal water handling operations
 - Any equipment that is water contacted in any manner
- Non-toxic, non-corrosive and non-flammable when used as directed within the temperature and operating described in the technical literature.
- Not recommended for use in aluminum, aluminum alloys, zinc (hot dipped galvanized sheet), and all alloys of magnesium. It is recommended that test samples of these metals be evaluated in the laboratory before using D-SCALE 101 to treat water scale deposits on these metals.
- Concentrated D-SCALE 101 solution may discolor some chromed and stainless steel surfaces. It is recommended that D-SCALE 101 solution be diluted 1:1 with water before using on chrome surfaces.
- May be shipped by private or commercial carriers.
- Does not separate, phase out or degrade in storage. The solution is free rinsing and does not require neutralization.

The information contained in this document is the result of careful testing in our laboratories, complemented by selected literature. It does not in any way constitute a guarantee, nor does it serve as a license to operate any patient. Due to widely varying conditions of product use, which are beyond our control, it is strongly recommended that the product be tested for suitability.



DYTEC ENVIRONMENTAL

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PHYSICAL PROPERTIES

D-SCALE 101 has the following properties:

Specific Gravity @ 60° F	1.051
Freezing Point	-22°F
Boiling Point	214°F
Flash	None
Temperature of Reaction	Negligible

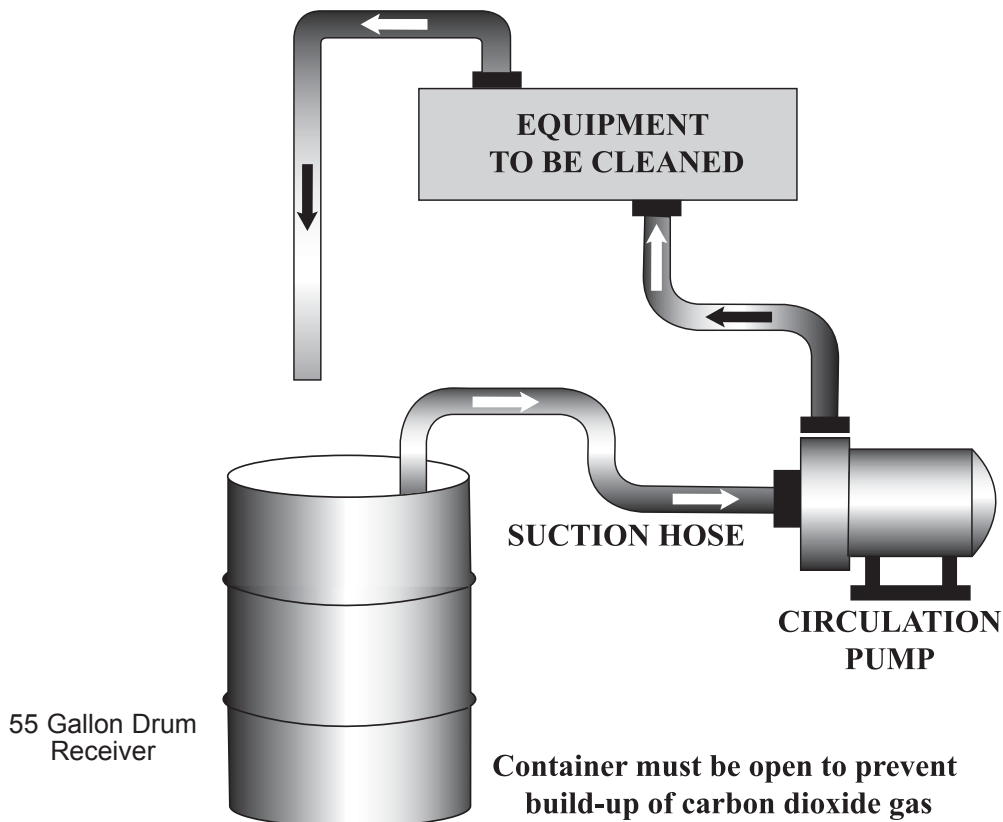
Recommended operating pressure is atmospheric and recommended operating temperature range is:

Minimum	40°F
Optimum	80°F
Maximum	120°F

METHOD OF APPLICATION:

D-SCALE 101 solution is most effectively used by circulating it through the equipment to be cleaned. When possible circulation should be up flow. The equipment should be vented at all times since carbon dioxide (CO₂) gas is liberated from the disassociation of the lime scale.

D-SCALE 101 PUMP & HOSE HOOK-UP



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