

Descal 518 (CONTAINS NO HCL) The Safe and Effective Way to Remove Scale on Stainless Steel and Galvanized



» The problem of water scale...

As a Plant Manager or Maintenance Engineer you already know that water scale on any heat transfer surface reduces the effectiveness of that heat transfer. This results in reduced equipment efficiency while increasing energy consumption, increasing costs and even increasing plant downtime.

In the past removing scale has been a major problem. Mechanical removal requires extensive downtime while the item of equipment is disassembled, then re-assembled. And corrosive acid cleaners, such as concentrated hydrochloric acid, raise occupational health and safety concerns and disposal problems. Not to mention the significant risk of long-term detrimental impact on plant life from metal loss!



» Announcing Descaler 518...

Now there is a safe and effective way to remove scale deposits from all types of stainless steel and galvanized water cooled and water heated equipment. From industrial plants to land mark buildings to marine. **Descal 518** is a new technology descaler specifically formulated to rapidly clean mineral from passages in water cooled or heated equipment. **It improves plant efficiency and extends the usable life of cleaned equipment.**

» Safe for your people...

Dynamic 518 is safe for your maintenance crews when used as directed. The concentrated solution may be held safely in the open hand, without harmful effects. The solution has a pleasant odor and does not have any obnoxious or unpleasant vapors when dissolving water scale, lime and rust deposits.



Effective because its fortified with Powerful Low Foaming Wetting and Penetrating Agents, and safe degreasing solvents. **And it reduces the risk of significant metal loss!**

» Safe for our air with no VOC's...

Descal 518 is safe on the environment because it is biodegradable.



» Safe and Effective for your Plant and Equipment...

Dynamic 518 is safe to use on your plant and equipment because it contains no hydrochloric acid to prevent corrosion of the Stainless Steel, Galvanize, Brass, or Copper Surfaces being cleaned on the water side.

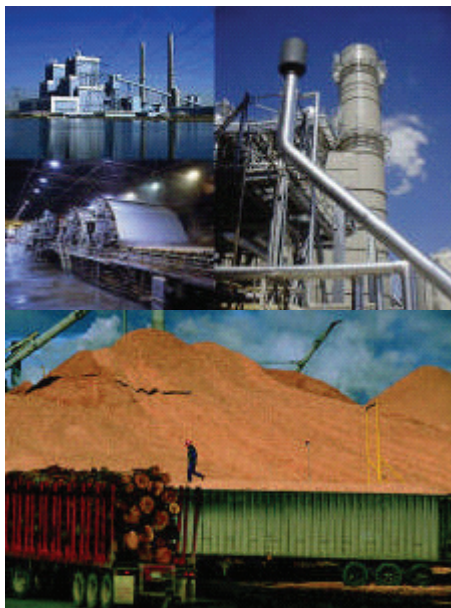
The solution normally does not require neutralizers as it is free rinsing with water and self-neutralizers when used. Dissolved water scale residues may be sewerred with water.



Check with your local sewer authority for proper disposal of the non-toxic, mildly acid waste to determine whether additional neutralization action is required.

Applications For Dynamic Descaler...

- **Automotive** - Closed Circuit Cooling, Dynamometers, Extruders, Molders, Radiators, Welders
- **Bottling** - CO2 Generators, Heaters, Exchangers, Rinse Tanks, Sterilizers, Washers
- **Buildings** - Chillers, Cooling Towers, Pipework
- **Chemicals** - Dryers, Extruders, Kettles, Mixers, Reactors, Scrubbers, Vacuum Pumps
- **Food** - Condensers, Ice Machines, Kathabars, Refrigeration Equipment, Steam Tables
- **Manufacturing** - Chillers, Compressors, Furnaces, Quenchers, Vacuum Pumps
- **Metals** - Bearings, Castings, Fans, Hearth & Vacuum Furnaces, Shelters, Sprays
- **Mining** - Bearings, Conveyors, Filters, Presses, Process Lines, Radiators



- **Paper**- Calendar Mill Rolls, Caustic Lines, Scrubbers, Compressors, Liquor Tanks, Pulverizers, Vacuum Pumps
- **Pharmaceutical**- Exchangers, Loop Systems, Kathabars, Pumps, Reactors, Stills, Sterilizers
- **Refinery** - Compressors, Converters, Crackers, Exchangers, Piping, Pumps
- **Rubber/Plastics** - Banbury Mixers, Calendar & Mill Rolls, Extruders, Injection Molders, Molds, Temperature Control Units, Throat Coolers, Towers, Tubers
- **Steel**- Bearings, ConCast Units, Generators, Hearths, Spangle Units, Furnaces
- **Textile** - Air Washers, Compressors, Condensers, Exchangers, Extruders, Towers

» Dynamic Descaler	» Key Attributes
Specific Gravity	1.06
Vapourisation Temperature	226°F
Flash Point	None
Boiling Point	212°F
Strength	Dissolves up to 2.64 lb of calcium carbonate per gallon
Incompatibilities	Do not use concentrated on aluminium surfaces
Odor	Pleasant, fruity scent
Recommended concentration	25% to 50%
Time to circulate	Dependent on application
Application	See Application Guide
Environmental	Biodegradable

So, to Safely Improve the Efficiency of your Plant
Contact Your Local Representative