

RidScale

All Purpose Descaler

RidScale Benefits:

- It is a water-based solvent designed to penetrate and remove encrusted lime scale, rust, dirt and corrosion products from processing equipment.
- Cleans equipment through circulation and without expensive disassembly
- Comes in a pale yellow color that changes to a purple color when it is no longer effective
- Removes scale in small, inaccessible places that cannot otherwise be cleaned
- Gives off a pleasant, citrus-lime fragrance that masks the odor of dissolving scale
- Low foaming and no premixing required
- Non-hazardous, non-corrosive, non-flammable and biodegradable.
- Approved by the United States Department of the Navy

RidScale Applications:

It is designed to safely remove lime deposits and water scale from water-wetted internal surfaces of commercial and industrial processing equipment. This includes, but is not limited to, plant boilers and piping equipment in refineries, paper mills, chemical plants, foundries, rubber plants and other industries. **RidScale** is most effective when circulated through the equipment to be cleaned, as long as there is adequate venting for the carbon dioxide created in the cleaning process. Circulation should be up-flow if at all possible, taking between two to four hours to complete. If the equipment is clean (and RidScale has not changed color) it can be saved and used again. **RidScale** dissolves 1.5 pounds (0.68 kg) of Calcium Carbonate (Casco) per gallon.

Cautions and Compatibility Warnings:

- **RidScale** is not recommended for use on aluminum, certain aluminum alloys, zinc (hot dipped galvanized sheet) and alloys of magnesium.
- Once depleted, RidScale is NOT listed as a hazardous waste, nor does it possess any of the hazardous characteristics specified in 40 CRY 261
- Meets all the requirements of the U.S. Department of Transportation regulations given in 173.240 (a) for shipment without hazardous warning.
- Contact Worthington for information regarding shipments by air Operating Ranges

Recommended operating pressure is atmospheric and recommended operating range is: Minimum 40° F (4.44° C), Optimum 80° F (26.67° C), Maximum 120° F (48.89° C)

Physical Properties	Products	RidScale
	Specific Gravity @ 60° F	1.051
	Specific Gravity @ 30° C	1.051
	Freezing Point, °F (°C)	-22 (-30)
	Boiling Point, °F (°C)	214 (101)
	Flash Point, °F (°C)	none
	Temperature Reaction	Negligible
	NOS Registered	A8

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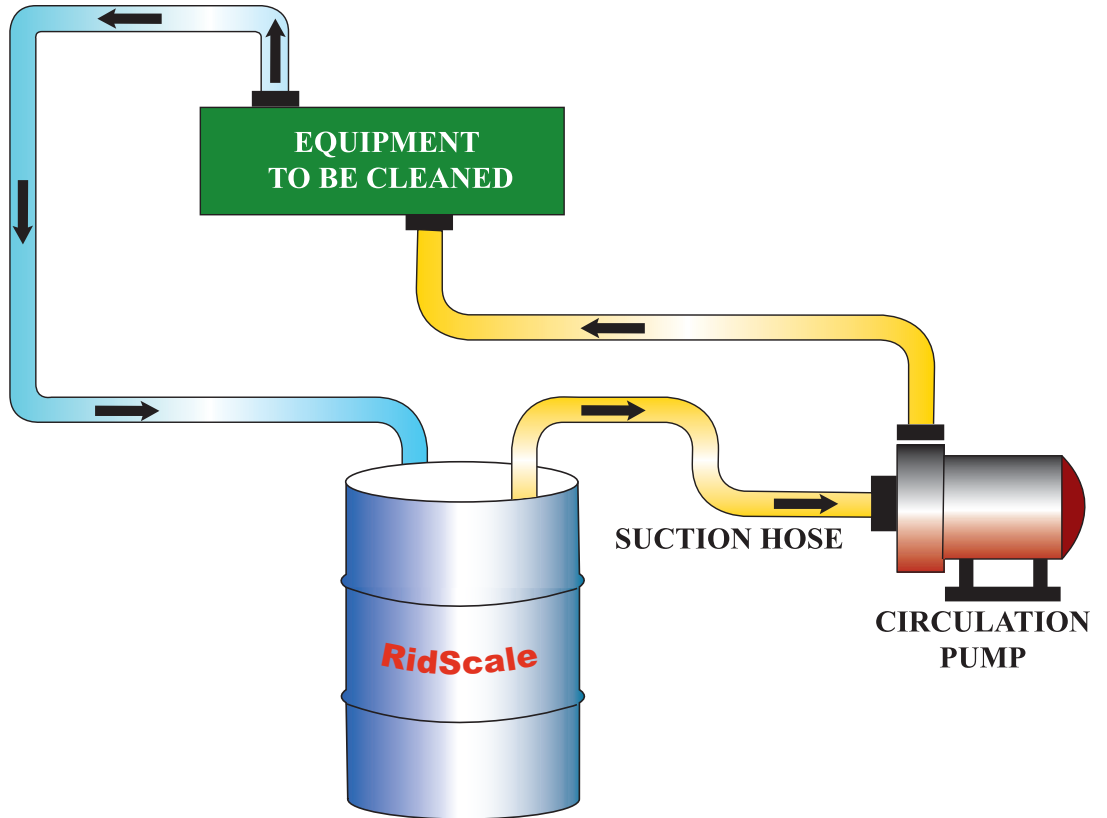


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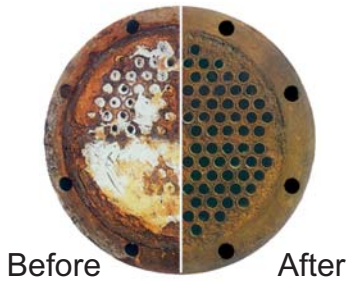
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Method of Application

RidScale 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.



Container must be open to prevent build-up of carbon dioxide gas



Applications

Vacuum Pumps & Filters, Boilers, Mill Rolls, Cooling Towers, Process Equipment, Piping, Air and Gas Compressors, Converters, Crackers and many other descaler projects

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