

- ✓ MARINE GROWTH REMOVER
- ✓ BIO-DEGRADABLE
- ✓ DESCALING AGENT
- ✓ DISSOLVES BARNACLES, CALCIUM, RUST
- ✓ DISSOLVES MINERALS, LIME AND MORE
- ✓ CLEANS PIPES AND HEAT EXCHANGERS
- ✓ DISSOLVES CLOGS AND BLOCKAGES
- ✓ NON FLAMMABLE
- ✓ CONVERTS RUST

CFS

CLEAN FLUSH SOAK

DESCALER

DESCALES CALCIUM, LIME, RUST, MINERALS AND MARINE GROWTH

CFS – Descaler is a safe bio-degradable calcium, lime, rust, mineral and marine growth and descaling agent. Suitable for use as a safe fast and effective alternative to mechanical cleaning of equipment where scaling is an issue. For use in engines, fresh and seawater cooling systems, strainers, all heat exchangers, water makers, pumps, piping, parts and anywhere requiring mineral, rust or lime descaling.

Before and After CFS - Descaler



TYPES OF APPLICATIONS

CFS - Descaler can be safely used to remove calcium, lime, rust, mineral scaling & marine growth from;

- Engines and seawater cooling systems
- Fresh water systems
- Boilers
- Cooling Towers
- Condensers
- Chillers
- All heat exchangers
- Distillation towers
- Compressors
- Pumps
- Parts
- Piping
- Radiators
- Evaporators
- Generators
- Jet Skies
- Outboard Motors
- Coffee Machines



Couldn't believe how great it worked on unblocking the heat exchanger.
- John & Neville, Nautilus Marine -

Mixing Ratio 4:1 - 5L of CFS makes 25L

Available in 5L, 15L, 20L, 200L, 1000L packaging.



Distributed by: **Adit Marine**
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FAST | SAFE | EFFECTIVE | BIO-DEGRADABLE | CORROSION INHIBITED | AUSTRALIAN

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CFS - Descaler vs Competitor Product Metal Loss (Corrosion) over 120 Hour period

Test Configuration

To demonstrate the inhibitor functionality of CFS Descaler in comparison to our main competitor. CFS Descaler and the main industry competitor were mixed at 4:1 in equal quantities in equal containers. For this test, nails were used at equal weights.

To demonstrate the effectiveness of both descaler products after the metal test a 24g shell was placed in each and the dissolving action timed, both completely dissolving the shell at exactly 6 minutes.

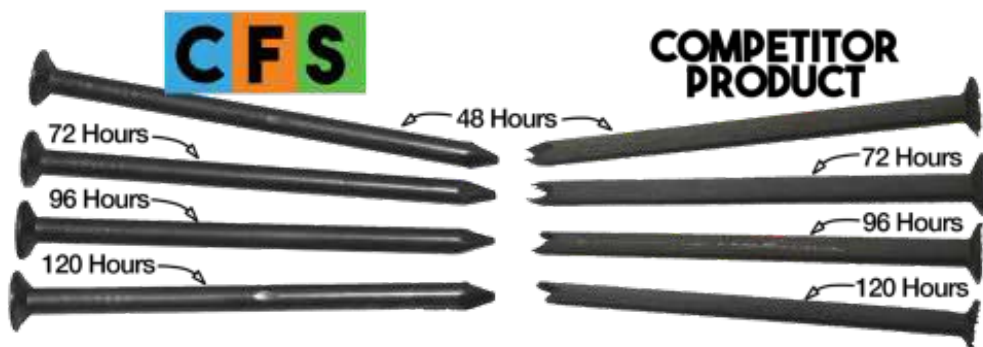
The Results

It is demonstrated that over the 120 hour period CFS Descaler performed outstandingly. CFS had a total metal loss of only 1.63% (0.04g of 2.46g) after the full 120 hours soak time, while our competitor achieved a mass metal loss of 50.41% (1.24g lost of 2.46g) over the same 120hour period.

The graph in figure 1 demonstrates that even after soaking for 30 times longer than recommended our product has retained 98.37% of the original while the Competitor retained only 49.59% which is shocking.



Containers after testing



Conclusions

This test performed was over a period 30 times longer than that recommended by both CFS Descaler and the competitor products (4 hours) however it shows the very real risk of metal attack when using many of the industry available standard products even in short periods of soak or flush time. As seen in figure 1 above the competitor product instantly began corroding the part with little to no inhibition from corrosion. CFS Descaler clearly demonstrates an incredible inhibitor functionality while sustaining the same descaling functionality.

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MIXTURE RATIOS:

- 4:1 steels, stainless, titanium, bronze
- 6:1 aluminium
- 8:1 traces of magnesium
- 10:1 heated
- 17:1 ultrasonic bath

cfs

clean-flush-soak

DESCALER