



## TECHNICAL BULLETIN

# TRICOCID SAF

### DESCRIPTION:

**TRICOCID SAF** is a low pH organic salt that is used to replace traditional strong corrosive acids. Our acid replacement technology is safe, non hazardous and biodegradable.

### ADVANTAGES:

- 4 to 10 times more effective than citric and glycolic acid and 2 to 3 times more effective than phosphoric acid when dissolving calcium carbonate.
- High performance vs cost ratio compared to phosphoric and citric acids.
- Non-fuming, safer to handle and store.
- No solubility limits (ideal for concentrated cleaners).
- Classified as a mild skin irritant.
- Phosphate free thus eliminating the potential of eutrophication (algae blooming).
- Low contributor to BOD/COD in effluents.
- Approved for use in green seal and Canadian ecologo products.
- Contains no VOCs and no bleaching agents.
- Non-corrosive to skin, mild steel and most of surfaces.
- Approved by the US EPA as a non-food inert ingredient in biocide applications.

### APPLICATIONS:

I and I	Transportation
Tub & tile cleaners	Acid presoaks
Grout cleaners	Bay & wall cleaners
Bowl cleaners	Locomotive cleaners
Soap scum ring line remover	Concrete truck & equipment cleaners.
Descalers/Delimers	
Carpet pre-spotters	
Metal cleaners	
Concrete floor cleaners	

### APPLICATIONS: (continued)

#### MARINE

No need to disassemble equipment.

- Air compressors
- Air conditioning
- Air ejectors
- Boilers
- Booster heaters
- Bow thrusters
- Bumpers
- Buoys
- Chillers
- Condensers
- Control valves
- Cylinder jackets
- Desalination units
- Diesel engines
- Distilling plants
- Engine blocks
- Engine cooling systems
- Engine heads
- Engine manifolds
- Evaporators
- Feed water heaters
- Fenders
- Fire mains
- Generators
- Heat exchangers
- Hulls
- Intake screens
- Keel coolers
- Lube oil coolers
- Propellers

Also effective to control zebra mussels.

#### FOOD AND DAIRY CLEANERS

Phosphate free beerstone and milkstone removers excellent replacement for phosphoric and nitric acid.

### SPECIFICATIONS & PROPERTIES:

<b>Appearance @ 20°C</b>	Colorless liquid.
<b>Density (25°C)</b>	1.42
<b>Boiling point</b>	Approx. 100°C
<b>Freezing point</b>	Below -30°C
<b>Solubility</b>	100% in water
<b>pH (1%)</b>	1.5
<b>Activity, % min.</b>	68

For more information concerning the handling, the manipulation or the use of this product, please consult our material safety data sheet or consult our technical service department.

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