



TECHNICAL BULLETIN

TRICOCID UHC-2

DESCRIPTION:

TRICOCID UHC-2 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:

Appearance @ 20°C	Colorless liquid.
Density (25°C)	1.21 ± 0.2 (10.1 lbs/gallon).
Boiling point	Approx. 100°C.
Freezing point	Below -30°C.
Solubility	100% in water.
pH (as is)	0.7
Activity, % min.	60.0

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FORMULATION:

This is an example formula of bathroom acid cleaner using **TRICOCID UHC-2** :

Ingredients	%
Water 60,1	
Citric Acid	0,5
Triaminox LO	0,4
TRICOCID UHC-2	33
Trisurf QUAT-80	0,2
Trisurf LA-9	1,8
Trisurf LA -3	1,4
Glycol Ether DPM	2,6
Total	100

To clean a dirty grout, you can dilute 1:2 to 1:4. For a normal maintenance, this product has to be diluted 1:10.

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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