

# DESCALER MTA

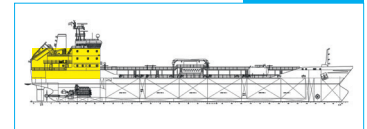
## Sewage Water Systems Descaling

## Technical Information

### PHYSICAL DATA

Appearance:	dark brown liquid
Average density:	1,15 at 20° C
Flammability:	non-flammable
Corrosive action:	corrosive on aluminium, zinc and related alloys
pH (1% solution):	1,2

### USAGE AREAS



### DESCRIPTION

Liquid descaler containing a metal corrosion inhibitor.

- Heavy duty carbon remover
- Cleans down to metal surfaces
- Fast and effective usage

### APPLICATION

Descaler for any type of metal (except for aluminium and zinc).

### ADVANTAGES

- Metal protection through a corrosion inhibitor
- Rapid acid solution action through deep scale penetration

### DIRECTIONS FOR USE – PRODUCT DOSE

To be applied

- by **CIRCULATION**
- by **IMMERSION BATH** depending on the size of the equipment to be descaled.

# DESCALER MTA

## BY CIRCULATION

### 1) Preparation

- Empty the circuit to be descaled
- Prepare a 50% DESCALER MTA solution
- Install a fume vent at the top of the circuit to be descaled

### 2) Descaling

- After removing the cleaning solution, gradually add the DESCALER MTA solution. Allow this solution to circulate for approx. 10-12 hours depending on scale thickness.
- During descaling, fumes and foam are formed. When descaling is completed, empty the circuit from the bottom, and, where feasible, remove any scale deposits left with pressure water hose.

### 3) Rinsing

- Add water to the circuit
- Allow it to circulate for at least 1 hour.

## Neutralisation

- Neutralise any acid residues left through circuit passivation with 1%, or 2% if in fresh water, ALKALINITY CONTROL solution allowed to circulate for 2 hours.

## BY IMMERSION BATH

Similar operations as described above:

- Prepare the solution at the required concentration (see paragraph on Dosage)
- Shake the solution (with compressed air or pump) to remove the acid film in contact with the descaled surface.

## SAFETY ADVICE

This product is an acid and, although it is inhibited and buffered by a special additive limiting acid fumes, it shall be handled in compliance with recommended safety requirements (i.e. gloves, safety goggles and, in case splashes are possible, apron and boots). In case of contact with eyes, rinse immediately with plenty of water or sodium bicarbonate solution.

DESCALER MTA has demonstrated to the marine industry its unique ability to effectively clean and eliminate uric acid build-ups in sanitation vacuum systems. Ship Owners are turning to Uniservice Unisafe as more and more cruise vessels become faced with clogging problems in their vacuum systems. DESCALER MTA is an on-line solution for eliminating hard deposits which are inherent in vacuum systems formed by uric acid. DESCALER MTA can be introduced by manual dosing into a vessels head or via a simple, yet effective dosing unit. Please contact UNIservice representative for more details.



Special PVC clamp to connect dosing unit injector to sanitary vacuum systems. All sizes of clamps are available to ensure safe connection of dosing unit. O ring gasket to ensure tightness of dosing unit injector to sanitary vacuum systems.

This information is not to be taken as a warranty or representation for which we assume legal responsibility nor as permission, inducement or recommendation to practice any patented invention without a license. The information is offered solely for your consideration, investigation and verification.

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## IMPORTANT NOTICE

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