

# PIK KEMICAL

Chemical Technologies

E/5

## DESCALER

LIQUID SCALES REMOVER FOR SEWAGE WATER SYSTEMS

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### DESCRIPTION

Liquid blend of acids scale remover specially formulated for organic substance removal and uric acid. Containing a corrosion inhibitor for ferrous metals.

### APPLICATIONS

- For scales removing of any type of metal and/or plastic circuits except aluminium and zinc
- specific for cleaning of sewage water in vacuum systems.

### ADVANTAGES

- Penetrates deeply deposits, allowing rapid acid action.
- This composition meets the criteria for not being harmful to the marine environment according to MARPOL Annex V (resolution MEPC.201(62)).

### INSTRUCTIONS

Three procedures are possible:

#### 1) Recirculation method

##### Preparation:

- Prepare the section of sanitation system to be descaled. The use of a PVC drum or container (of adequate dimension) is suggested. Connect an acid-proof pump to the PVC container and pump the solution in counter-current to all sanitation devices from which the solution will return to the PVC container.
- empty the circuit to be treated;
- prepare solution at 50% of DESCALER install in the above part of the system an exhaust gas disperser.

##### Scale removing:

- introduce progressively DESCALER solution;
- circulate the solution for 8-10 hours (50 °C);
- empty through the lower part of the circuit.

##### Neutralization:

- Fill the circuit with water adding 1% of ALKALINITY CONTROL;
- Circulate for at least 1 hour;
- empty the system.

#### 2) By dipping (use stainless steel or PVC tanks)

- prepare in a tank the proper solution (50% in fresh water)
- blend the solution (by compressed air or pump) possibly heating it to 40/50 °C
- dip for 6/8 hours, then remove and rinse with pressurized hot water.

#### 3) Automatic dosing system:

Injector – on/off switch with daily timer – solenoid valve – clamp for injection point.

When timer start the dosing system, the solenoid valve opens and the vacuum system self-suck DESCALER

Times and duration of each valve opening will be determined depending on condition of sanitation system and point of injection (diam. of manifold)

### PRECAUTIONS

Handle with care, use gloves and protective glasses and in case of danger of spraying also aprons and boots. In case of contact with the eyes, rinse thoroughly with fresh running water or sodium bicarbonate and request urgent medical assistance.

### PACKAGING

Non returnable

- Plastic pails 25 liters

