

#### DESCRIPTION

**NOXOL-550 is exceptionally effective in the removal and dissolution of calcium carbonate and magnesium hydroxide scale. NOXOL-550 is a double-action scale remover that interacts with the carbonate or hydroxide portion of the scale and also interacts with the calcium and magnesium portion of the scale. It is a mild acidic blend of organic compounds, which display the same descaling activity as a mineral acids and sulfamic acid. It reduces attack on base metals.**

**NOXOL-550 is an effective product that can be applied utilizing a temperature range between 40-90°C and concentrations from 10% to 25%. Application parameters are adapted to targeted contaminants and equipment.**

**KIRASOL-318SC (0.5%-3%) can be added to NOXOL-550 solutions to improve cleaning performance when organic contaminants are present.**

#### BENEFITS

- Readily handled
- Non-toxic
- Non-caustic
- Non-volatile
- Non-flammable
- Safe for equipment / Very low corrosivity on base metals
- Safe for environment / Biodegradable / Non-polluting
- HOCNF registered
- Corrosion data available upon request
- Elastomer and thermoplastic compatibility data upon request

#### APPLICATIONS

##### *Contaminants:*

- Calcium carbonate
- Magnesium hydroxide
- Shell Sea water organisms

##### *Equipment:*

- Sea water feed heaters
- Flash evaporators
- Basket-type evaporators
- Cooling towers/systems
- Falling film evaporators
- Heating systems
- Reverse osmosis systems
- Heat exchangers
- Submerged tube evaporators
- Surface condensers
- Glycol regeneration units

#### PHYSICAL DATA

- Boiling point (10% solution): 100°C
- pH of concentrate (20°C):  $1.6 \pm 0.5$
- Specific gravity (20°C):  $1.10 \pm 0.05 \text{ gr/cm}^3$
- Solubility in water (20°C): 100%
- Appearance: clear
- Flash point:  $>100^\circ\text{C}$
- Odour: slight, pleasant

**For other application temperatures plus concentration ranges and detail application procedures, please contact Euro Corpex or our representatives.**

