

# MAGCARE<sup>®</sup> 300

## SAFE MULTI-PURPOSE CLEANER

**Magcare<sup>®</sup> 300** is a new generation cleaning product specially formulated for dissolving scale deposits in evaporative condensers and cooling towers, boilers, heat exchangers and other vessels/systems where water scales present problems.

The main ingredient is an organic salt which provides scale removal capabilities exceeding those of conventional mineral acids without releasing an irritating vapour. **Magcare<sup>®</sup> 300** is innocuous to humans as it is classified non irritant and non corrosive chemical.

**Magcare<sup>®</sup> 300** easily replaces sulfamic acid and outperforms all organic acids.

**Magcare<sup>®</sup> 300** contains corrosion inhibitors and can be used on steel, copper and stainless steel. **Magcare<sup>®</sup> 300** must be used in conjunction with Magsol 711 on galvanized steel or brass.

### FEATURES

- ◆ Dissolves scale deposits with a very high efficiency
- ◆ Non corrosive to skin as per the 2002 OECD guidelines for testing of chemicals, Number 404 "Acute Dermal Irritation / Corrosion"
- ◆ Contains corrosion inhibitors
- ◆ Safe on galvanized steel and brass surfaces when used with Magsol 711
- ◆ Easy and safe to use

Consult the appropriate material safety data sheet

### DESCRIPTION

**Magcare<sup>®</sup> 300** is made of inhibited organic salt.

### APPLICATION

**Magcare<sup>®</sup> 300** is used in an aqueous solution that can be circulated by the system pump. The cleaning solution should be neutralized before disposal.

### DOSAGE

The required **Magcare<sup>®</sup> 300** concentration is 4-5% and can be circulated by the system pump.\*

In 30 minutes, **Magcare<sup>®</sup> 300** at 4-5 % dissolve, 9 to 10 kg of calcium and magnesium carbonates per 1000L of treated water\*.

**\*For more details, please refer to cleaning procedures and your technical representative.**

### TECHNICAL DATA

Appearance: clear light yellow liquid

pH (solution 1%) : 1.62

pH (100%) : 0.6 ± 0.2

Specific Gravity: 1.120

Magcare is a registered trademark of Magnus Chemicals Ltd.

### GUARANTEE

Products sold are warranted to be free from defects in material and workmanship. Recommendations are made without warranty or guarantee since the conditions of use are beyond the manufacturer's control.  
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