



**NFG**

## **H2O-Scale**

# PRODUCT DATA SHEET

**H2O-Scale** is a water-based descaler formulated to remove encrusted lime scale, rust and corrosion from processing equipment. It dissolves 1.5 pounds of Calcium Carbonate per gallon. H2O-Scale is non-hazardous, non-flammable, non-corrosive and biodegradable. Its formulation is approved for use by the U.S. Department of the Navy.

H2O-Scale includes wetting agents, corrosion inhibitors and degreasing compounds. It has a citrus fragrance, and changes color (from Yellow to purple) when depleted. If after cleaning, the product has not changed color, it can be saved and reused. When the color change occurs, the pH level is between 5.8 and 6.0, meaning that it is well within the disposal range of most government waste regulations.

H2O-Scale is most effective when circulated through process equipment as long as there is adequate venting for carbon dioxide produced in the cleaning process. Ideally, the product should be circulated for between two and four hours, and at temperatures between 40°F and 120°F, with 80°F being the optimum.

*H2O-Scale is not recommended for use on aluminum or aluminum alloys, zinc (or galvanized surfaces) or magnesium alloys.*