

PRODUCT DATA SHEET



NFG
NON-FOOD GRADE

H2O-SCALE

Water Based Descaler

H2O-Scale is a water-based descaler formulated to remove encrusted lime scale, rust and corrosion from processing equipment. It can dissolve approximately 1.5 pounds of Calcium Carbonate per gallon of solution.

H2O-Scale is non-hazardous, non-flammable, non-corrosive and biodegradable.

*H2O-Scale includes wetting agents, corrosion inhibitors and degreasing compounds. It has a pleasant 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.

Concentrated H2O-Scale solution may discolor some chrome or stainless steel surfaces. It is recommended that the solution be diluted 1:1 with water before application to chrome.

Properties / Characteristics	Results
Specific Gravity	1.051
Freeze Point	-2°F
Boiling Point	214°F
Flash Point	None
Temperature of Reaction	Negligible
Appearance	Yellow to Purple