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## CALCIUM SCALE REMOVER

### ACIDIC METAL CLEANER

**ARROCHEM'S Calcium Scale Remover** was specifically designed to facilitate in the removal of scale and grease from metal surfaces. It lowers the pH and hydrolyzes the scale to loosen it from the metal surface. Wetting agents in the product help to keep the scale from redepositing. Calcium Scale Remover also contains rust inhibitors which help keep the metal from rusting.

#### General Characteristics:

Appearance:	Clear Liquid
Solubility in Water, 25°C:	Readily Dispersible
Chemical Composition:	Sulfonic Amide
Ionic Nature:	Anionic
pH, 1% solution:	1.5 ± 0.5
Wetting:	Good
Foaming Nature:	Low
Phosphate Content:	None
Viscosity:	<100 cps (25°C, 1 atm)

#### Application:

**ArroChem's Calcium Scale Remover** can be diluted by placing 25 gallons of scale remover per 100 gallon batch of water. The solution should then be heated to 170°F and allowed to circulate around the scaled surface for 4 hours or until the scale is gone. These numbers vary depending on the amount of scale. As product is water-based, it should not be used at temperatures above 85°C (195°F) or below 5°C (40°F). This product is not effective for removing polymer scale.

\*As conditions vary, all dosages and guidelines are merely suggested starting points; it is recommended the user determine the proper operating conditions for his/her system.

