

Seaclean 30NS

Aluminum Cleaner / Degreaser (Non-Etch)

Product Description

Seaclean 30NS aluminum cleaner is a one step non-etching cleaner specifically designed to clean and activate aluminum prior to further processing. It is specially developed for cleaning heavy oils from aluminum, steel, brass and copper.

Performance Features

- Non-silicated
- Easy To Rinse
- No Phosphates
- No Glycol Ethers
- Very Economical To Use
- Removes All Soils And Organic Residues From Metal Surfaces
- Biodegradable And Environmentally Safe

Physical Specifications

Appearance	Yellow - Green
pH	11 - 11.5
Water Solubility	Complete
Rinseability	Excellent

Equipment Requirements

Tanks: Tanks should be constructed of steel or stainless steel 316.

Heating Coils: Cold rolled steel, stainless steel or titanium.

Ventilation: Follow as required by industrial ventilation book.

Product Make-Up

1. Fill tank 3/4 full of clean water.
2. Add required amount of Seaclean 30NS.
3. Add water to desired level, mix well and heat to operating temperature.

Technical Data Sheet

Operating Parameters

Concentration	3 - 10% by volume
Optimal concentration	5 - 6%
Time	3 - 10 minutes
Temperature	140° - 160°F

Control and Replenishment

Maintain the solution concentration as determined by the analytical procedure below. The bath should be discarded and made up new based on work load processed through, or when cleaning becomes insufficient.

The percent by volume of Seaclean 30NS can be calculated using the procedure below:

Equipment Required

Buret, 50 ml
Erlenmeyer flask, 250 ml
Pipet, 10 ml

Reagents Required

1.0% Phenolphthalein indicator
Sulfuric acid, 0.1N standardized

Procedure

- 1) Pipet 10 ml of sample of working bath into a 250 ml Erlenmeyer flask.
- 2) Add 50-75 ml DI water.
- 3) Add approximately 5-10 drops of phenolphthalein indicator.
- 4) Titrate with 0.1N standardized sulfuric acid to clear end point.

Calculation

% by volume Seaclean 30NS = (mls H₂SO₄) x 1.25

Add Seaclean 30NS to maintain the desired concentration.

Safety and Handling

Read and understand this products MSDS before handling.

Waste Treatment

Spent bath of Seaclean 30NS should be tested for regulated heavy metals being processed through the solution and should be treated according to local, state, and federal regulations before pH adjustment. Contact Seacole for specific details and/or further waste treatment recommendations.

Ordering Information

Seaclean 30NS is available in 5 gallon pails, 55 gallon drums, and 275 gallon totes.



SeacoleERC

[Environmentally Responsible Chemistry]

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