



Technical Data Sheet

Product Code: **ASEA370** Revised Date: **5/01/2025**

Seaclean 370 SP

Product Description

Seaclean 370 SP is a heavy duty, concentrated, powdered, alkaline soak cleaner designed for steel, stainless steel, copper alloys and magnesium. Seaclean 370 SP is highly effective at removing most soils including heavily chlorinated and sulphurized oils, fats, and coolants from metal substrates requiring the utmost in cleanliness. Its unique formulation allows complete lifting of soils reducing residuals on washed parts.

Performance Features

- Wide operating range.
- Suitable for use in rack and barrel applications.
- Conditions smut and scale for easier removal in the electro-cleaner.
- Powdered concentrate.
- High oil retention
- Non-dusting.
- Removes most soils and a wide range of oils and compounds.
- Contains a chrome reducer, an advantage when racks or dangles are not stripped on chrome and zinc lines.

Equipment Requirements

Tanks: Steel tanks and equipment are suitable.

Heating: Steel heaters and coils are suitable.

Agitation: Not required.

Ventilation: Consult local environmental agencies.

Operating Conditions

	Range
Seaclean 370 SP	30 - 112.5 g/L (4 - 15 oz. /gal.)
Immersion Time	3 - 10 minutes
Temperature	65 - 90°C (150 – 195°F)

Excellent cleaning can be obtained at the lower ranges of the concentration and temperature, but fastest cleaning is obtained at 75 g/L and 90°C.

Brass should be cleaned at the lower concentration and temperature ranges.

Floating oil should be skimmed to reduce drag over, especially in barrel plating of oily work.



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Control

Reagents:

- Phenolphthalein Indicator
- Standard 1.0 N Sulphuric Acid Solution

Procedure:

1. Pipette a 10 ml sample into a 250 ml Erlenmeyer flask and add 100ml D.I. water.
2. Add 5 drops phenolphthalein indicator.
3. Titrate with 1.0 N sulphuric acid to colourless.

Calculation:

- $(\text{ml of 1.0 N Sulphuric Acid}) \times 1.1 = \text{oz/gallon Seaclean 370 SP}$
- $(\text{ml of 1.0 N Sulphuric Acid}) \times 8.25 = \text{g/L Seaclean 370 SP}$

Seaclean 370 SP is an alkaline material. Protect the eyes and skin during make-up and operation. Wear goggles and protective clothing. Flush exposed areas with cold, clean water. Consult a physician in case of injury.

READ THE SDS BEFORE USING THIS PRODUCT

Customer Notice: Seacole strongly encourages its customers to review their manufacturing processes and their applications of Seacole products from the standpoint of human health and environmental quality to ensure that Seacole products are not used in ways for which they are not intended or tested. Seacole personnel are available to answer your questions and to provide reasonable technical support. Seacole product literature, including safety data sheets, should be consulted prior to use of Seacole products.



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