



Technical Data Sheet

Product Code: **ASEA680** Revised Date: **5/01/2025**

Seaclean 680 SP

Product Description

Seaclean 680 SP is a silicate free, emulsifying, concentrated powdered alkaline soak cleaner for use on steel and copper alloys. Seaclean 680 SP is non-chelated and is an excellent choice for all general, heavy-duty cleaning requirements.

Performance Features

- Suitable for use in rack and barrel applications.
- Free flowing, non-dusting, silicate free alkaline soak cleaner.
- Excellent for short cleaning cycles.
- High oil retention
- Removes all soil and a wide range of oils and compounds, buffing compounds, greases, water-soluble lubricants and helps condition smut and scale for easier removal in electro cleaner.

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

Soak Cleaning Steel	Range
Seaclean 680 SP	45 - 90 g/L (6 - 12 oz. /gal.)
Immersion Time	3 - 15 minutes
Temperature	70 - 94°C (160 – 200°F)
Soak Cleaning Copper	
Seaclean 680 SP	30 - 45 g/L (4 - 6 oz. /gal.)
Immersion Time	3 - 5 minutes
Temperature	50 - 70°C (120 – 160°F)

Control

Reagents:

- Phenolphthalein Indicator
- Standard 1.0 N Sulphuric Acid Solution

Procedure:

1. Pipette a 5 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 colorless.

Calculation:

- (ml of 1.0 N Sulphuric Acid) x 3.0 = oz. /gallon Seaclean 680 SP
- (ml of 1.0 N Sulphuric Acid) x 22.5 = g/L Seaclean 680SP



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Safety and Handling

Read and understand this product SDS before handling.

Seaclean 680 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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