



Technical Data Sheet

Product Code: **ASEA580** Revised Date: **12/9/2024**

Seaclean 580 SP

Product Description

Seaclean 580 SP is a non-caustic, concentrated powdered alkaline soak cleaner for use on steel, zinc die-cast, copper, brass and aluminum. Seaclean 580 SP is non-chelated and is an excellent choice for difficult to remove soils in short cleaning cycles.

Performance Features

- Wide operating range
- Powdered, non-dusting, concentrated product
- Excellent for short cleaning cycles
- Finds applications on a wide range of substrates and soils
- Removes all soils 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
- Non-caustic, mildly alkaline, non-chelated, highly wetted, emulsifying cleaner formulated with a biodegradable surfactant system

Equipment Requirements

TANKS: Steel tanks and equipment are suitable.

HEATING AND COOLING: Steel heaters and coils are suitable.

AGITATION: Not required.

VENTILATION: Consult local environmental agencies.

Operating Conditions

	Optimum	Range
Seaclean 580 SP	6 oz/gal(45g/L)	6 to 8 oz/gal (45 to 60 g/l)
IMMERSION TIME:	As required	-
TEMPERATURE:	175°F	120 to 180°F (50 to 80°C)

Concentration Management

The concentration of Seaclean 580 SP is controlled by analysis.

Reagents:

Methyl orange Indicator

Standardized 1.0 N Sulfuric Acid Solution

Procedure:

1. Pipette a 10 ml sample into a 250 ml Erlenmeyer flask and add 100 ml D.I. water.
2. Add 5 drops methyl orange indicator.
3. Titrate with 1.0 N Sulfuric acid from orange to red.

Calculation:

(ml of 1.0 N Sulfuric Acid) X 1.44 = oz/gallon Seaclean 580 SP.

Add Seaclean 580 SP as required by analysis..

Safety and Handling

Please review and understand the PRODUCT SDS before handling.

Waste Treatment

Individual users should verify the nature of spent solutions to assure compliance with local, state, and federal regulations.



+1 (763) 582-1140 | +1 (800) 966-2909 | 13505 Industrial Park Blvd. Plymouth, MN 55441 | seacole.com

