

PRODUCT INFORMATION SHEET



IMO APPROVED

NAVACLEAN 803 ALKATUFF PHS

HEAVY DUTY WATER BASED ALKALINE CLEANER AND DEGREASER

APPLICATION, FEATURES & BENEFITS

- Approved according to IMO MEPC.1/Circ. 590, February 2008
- Leaves no white stripes/deposits on tank surfaces after washing with hot solution.
- Very powerful alkaline cleaner based on strong anionic surface active agents and alkaline salts.
- Cleans vegetable oils, animal oils, fish oils, greases, waxes, oil, sludge, soot, carbon deposits and general dirt and grime by thorough saponification.
- Very efficient for removing inert gas soot (IGS) residues from cargo tanks.
- Biodegradable.
- Contains no hydrocarbon solvents.
- Safe to use on epoxy coatings, polyurethane coatings and in stainless steel tanks.
- Not suitable for use on Aluminium, Magnesium and Zinc Silicate coatings.
- Does not contain nonyl phenol ethoxylates or other estrogenic compounds.
- Has excellent deodorising properties, removing odours of aromatic solvents, fish oil residues and other obnoxious smells.

DESCRIPTION

NAVACLEAN 803 – ALKATUFF PHS is a strong alkaline water based cleaner primarily designed to provide:

- Numerous cleaning applications including cleaning of vegetable oils, animal oils, fatty acids, fish oils, greases, waxes, oil, sludge, soot, carbon deposits and general dirt and grime.
- A cleaner that has a positive effect on cleaning of inert gas soot in cargo tanks.

DIRECTIONS FOR USE/APPLICATIONS & DOSAGE RATES

Pre-wash

Before cleaning tanks with NAVACLEAN 803 – ALKATUFF PHS it is recommended to prewash the cargo tanks with hot water 50 – 60°C

For Drying oils and Semi-Drying oils a prewash of the tanks with cold water should be applied

General Cleaning

- Direct injection method with tank washing machines: Dosage rate 10-50 litres per 1000 litres wash water. (1–5%)
- Recirculation method: Use dosage rate of 20-50 litre per 1000 litre wash water.
- Spot cleaning: Hand spray neat or prepare a 10-20% solution. Leave for approx. 30 minutes before rinsing with water. Keep surface wet.

The efficient operating temperature varies and is depending upon the type of cargo residues which are to be cleaned. In cases like Palm Oil residues the optimal solution temperature is between 55-65°C at the tank cleaning machine nozzle. Higher temperature tends to bake on the residues rather than removing them. Hydrogenated oils contain stearic acid with melting point of approx. 70°C. To clean such cargo residues successfully, a temperature between 72-77°C at the tank cleaning machine nozzle must be used.

NAVACLEAN 803 – ALKATUFF PHS can be applied by brush, by NAVAPOLE, BY Direct Injection method but is mostly used by Recirculation method.

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PRODUCT CHARACTERISTICS

- **Appearance:** Clear liquid
- **Specific gravity:** 1.062
- **Flash Point:** None
- **pH-value at 20°C:** >12
- **Corrosive action:**
 - **Metals:** Avoid contact with aluminium, tin, zinc or their alloys.
 - **Rubber:** None

NATURE OF SPECIAL RISKS AND SAFETY REGULATIONS

See our Material Safety Data Sheets

PACKAGING

NAVACLEAN 803 is available in 200/208 litre drums.

The information and recommendations given herein are believed to be accurate and reliable. However, since conditions of actual use are beyond our control, any recommendations or suggestions are made without any warranty and liability, expressed or implied.