

## Strong water based Alkaline cleaner & degreaser

### FEATURES & BENEFITS

- Approved according to IMO MEPC.1/Circ. 590.
- Very powerful alkaline cleaner based on sodium hydroxide.
- 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.
- Has excellent deodorising properties, removing odours of aromatic solvents, fish oil residues and other obnoxious smells.
- Does not contain nonyl phenol ethoxylates or other estrogenic compounds.

### DESCRIPTION

NAVACLEAN 801 – ALKATUFF is a strong alkaline water based cleaner, which provides:

- 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 can be used for cleaning of inert gas soot in cargo tanks. See also the Product Information for our specially designed NAVACLEAN 897 – IGS CLEANER.
- A cleaner for cargo hold cleaning after coal – and petcoke cargoes
- NAVACLEAN 801 – ALKATUFF is available in 25/200/208 litre drums

## NAVACLEAN 801 ALKATUFF

For detailed instructions on tank cleaning please contact us at NAVADAN.  
A range of support application equipment is also available.



Product Information: NAVACLEAN 801 ALKATUFF

[www.navadan.com](http://www.navadan.com) • +45 49 17 03 57 • [navadan@navadan.com](mailto:navadan@navadan.com)



## DIRECTIONS FOR USE/APPLICATIONS & DOSAGE RATES

### • General cleaning

NAVACLEAN 801 – ALKATUFF is used as a solution made up in fresh water or sea water. If possible, we recommend using fresh water. The efficient operating temperature varies and is depending upon the type of cargo residues which are to be cleaned.

NAVACLEAN 801 – ALKATUFF can be applied by brush, or by direct injection method, but is commonly used by recirculation method.

### • Pre-wash

Before cleaning tanks with NAVACLEAN 801 – ALKATUFF 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.

### Product Characteristics

Appearance: Clear light yellow liquid

Specific gravity: 1.3

Flash Point: None

pH-value at 20°C: >13

Corrosive action:

- Metals: Avoid contact with aluminium, tin, zinc or their alloys.
- Rubber: None

General Cleaning Application & Dosage Rates				
Approximate strengths for various cargo residues				
Cargo Residues	Hand spray	Recirculation	Direct Injection	Approx. recirculation consumption Litres per 1000 m <sup>3</sup>
Fatty acids, fatty alcohols	100%	3 – 5%	2 – 5%	180 – 300
Fish Oils	100%	3 – 5%	2 – 5%	180 – 300
Drying & Semi-Drying Veg. Oils	50 – 100%	2 – 4%	1 – 3%	180 – 240
Non-drying Veg. Oils	50 – 100%	2 – 4%	1 – 3%	180 – 240
Cargo Residues	Recirculation	Direct Injection	Approx. recirculation consumption in litres per 1000 m <sup>3</sup> Tank Capacity	
Petrochemicals	2 – 4%	3 – 5%	120 – 240	
Light Hydrocarbons	2 – 4%	3 – 5%	120 – 240	
Light Hydrocarbon Film	2 – 3%	2 – 3%	120 – 180	
Consumption quantities above relate to a multi-tank cleaning operation where the chemical solution is re-used.				

For Nature of special risks & safety regulations, please see our Material Safety Data Sheet



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