

## PRODUCT INFORMATION

# NAVACLEAN 888 SEACLEAN



## HEAVY DUTY SOLVENT BASED TANK CLEANER.

### DESCRIPTION

- › Based on aliphatic/aromatic hydrocarbons, nonionic and anionic surface active agents
- › An emulsifying cleaning agent for the removal of heavy mineral oils and waxes by direct injection, spraying and/or recirculation
- › Available in 25/200/208 liter drums
- › Can be discharged according to IMO MEPC.1&CIRC. 590 and Marpol V

### FEATURES

- › Can be used for general cleaning of oil and grease
- › Cleaning after crude and refined mineral oil
- › Degreases bilge spaces and engine room
- › Safe to use on epoxy and zinc silicate coatings as well as common metals
- › Approved according to IMO MEPC.1/Circ. 590
- › Complies to Marpol V

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

## DIRECTION FOR USE

### Direct Injection Method for Cargo Tanks

- › Undiluted Navaclean 888 should be injected at a predetermined rate into the pressure side of the automatic tank cleaning system line on deck by means of Navadan pump and spray. Usually, an injection rate of 0.1 to 0.2 liter Navaclean 888 per 100 liters of tank wash water is sufficient. We recommend that wash water has a temperature of 60-80°C. Cleaning time 2-8 hours. .

### Hand Spraying Method

- › Spray neat/undiluted Navaclean 888 on to bulkheads, frames, stringers, longitudinal etc. using Navadan pump and spray. After a reaction time of minimum one hour, tanks should be rinsed with water using the automatic tank washing machines. For spot cleaning only, use handheld hose for rinsing, for in-stance a fire hose with nozzle. Hand Spraying Method has a practical time limitation depending on tank sizes, i.e., total tank surface to be sprayed.

### Recirculation Method

- › Prepare a chemical solution, circulate via the automatic tank washing system pump and heater to the tank to be cleaned. Capacities of solution tank, pipelines and pumps etc. should be calculated carefully to ensure sufficient volumetric

quantity for a continuous recirculation. Depending on size and condition of tanks to be cleaned and quantity of chemical solution, a drawback in this method is that usually only 3 (three) tanks can be cleaned with one solution after which a fresh solution should be made and heated before cleaning can continue. The required solution strength is 2-5% Navaclean 888, at a temperature of 60-80°C at the tank cleaning machine nozzle. After chemical cleaning, the tanks should be rinsed thoroughly with sea water or fresh water depending on availability and requirements.

## PRODUCT CHARACTERISTICS

Completely miscible with sea water and fresh water. Suitable for use on epoxy, zinc-silicate coatings and most common metals.

Appearance:	Colorless liquid with a characteristic odor
Specific gravity:	1.00
Flash Point, PMCC:	74°C
pH-value (1% solution):	7.00

For risks and safety regulations, please see our Safety Data Sheet

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.