

# PRODUCT INFORMATION SHEET



**IMO APPROVED**

## NAVACLEAN 888 SEACLEAN

HEAVY DUTY SOLVENT BASED TANK CLEANER

### APPLICATION, FEATURES & BENEFITS

- Approved according to IMO MEPC.1/Circ. 590, October 2007
- Cleaning after crude and refined mineral oil.
- Degreases bilge spaces and engine room.
- Can be used for general cleaning of oil and grease.
- Easy to use.
- Safe to use on epoxy and zinc silicate coatings as well as common metals.

### DESCRIPTION

Heavy duty solvent based cleaner

NAVACLEAN 888 is an emulsifying cleaning agent for the removal of heavy mineral oils and fats by direct injection, spraying and/or recirculation.

Based on aliphatic/aromatic hydrocarbons, nonionic and anionic surface active agents

### DIRECTIONS FOR USE/APPLICATIONS & DOSAGE RATES

#### Pre-wash

Before cleaning with NAVACLEAN 888, it is recommended to prewash tanks with hot water of approximately 50°C except for crude oil, drying and semi-drying oils where a prewash with cold water should be applied.

#### 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 an air-operated drum (barrel) pump. Usually an injection rate of 0.1 to 0.2 liter NAVACLEAN 888 per 100 liters of tank wash water is sufficient. Cleaning time 2-6 hours. Subsequently rinse with water.

#### Hand Spraying Method

Spray undiluted NAVACLEAN 888 on to bulkheads, frames, stringers, longitudinals etc. using an air-operated drum pump connected with a delivery hose and hand spray gun. After a predetermined reaction time, tanks should be rinsed with water using the automatic tank washing machines. For spot cleaning only, use hand held hose for rinsing, for instance a firehose with nozzle. Hand Spraying Method is the most economical system in terms of chemical consumption but requires tanks being gasfree enabling men to enter tanks. However, Hand Spraying Method has a practical time limitation depending on tank sizes, i.e. total tank surface to be sprayed.

#### Recirculation Method

A chemical solution is prepared in one of the after tanks near the pump room, circulated via the automatic tank washing system pump and heater to the tank to be cleaned, wherefrom the solution is returned to the chemical solution tank via the stripping line. Usually it is not possible to recirculate solution through the tank washing system heater (to maintain solution temperature) without making a temporary connection between the chemical solution tank and the tank washing pump. 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 2-6%

# PRODUCT INFORMATION SHEET



**IMO APPROVED**

## NAVACLEAN 888 SEACLEAN

HEAVY DUTY SOLVENT BASED TANK CLEANER

NAVACLEAN 888. After chemical cleaning the tanks should be rinsed thoroughly with sea water or fresh water depending on availability and requirements.

### PRODUCT CHARACTERISTICS

- **Appearance:** Clear amber liquid
- **Specific gravity:** 0.85
- **Flash Point:** > 70°C
- **Corrosive action:**
  - **Metals & Coatings:** None
  - **Rubber:** Slight Swelling

### NATURE OF SPECIAL RISKS AND SAFETY REGULATIONS

See our Material Safety Data Sheets

### PACKAGING

NAVACLEAN 888 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.

NAVADAN APS · Hojvangen 13 · P.O.Box 35 · DK-3060 Espergaerde · Denmark · [www.navadan.com](http://www.navadan.com)  
Tel. +45-4917 0357 · Fax +45-4917 0657 · E-mail: [navadan@navadan.com](mailto:navadan@navadan.com) · VAT/CVR-No.: DK18 68 29 90