

## Water based hydrocarbon free Tank cleaner

### FEATURES & BENEFITS

- Approved according to IMO MEPC.1/Circ. 590
- Based on highly efficient dissolving and low foaming nonionic surface active agents
- Suitable for cleaning tanks coated with Zinc-Silicate coated tanks and all common metals
- Used also as Hydrocarbon Remover
- Limited application on epoxy coatings, max. concentration 10% and max. Temp. 60°C
- Does not contain nonyl phenol ethoxylates or other estrogenic compounds.

### DESCRIPTION

- NAVACLEAN 850 – WATERBASED NEUTRAL HCF can be used for removing vegetable oils, animal oils, fats and light mineral oils in aluminium and/or zinc-silicate coated tanks
- Can be used as an after treatment in hydrocarbon free cleaning operation where cleaning was made with NAVACLEAN 888 – SEACLEAN or NAVACLEAN 818 – COLDWASH
- NAVACLEAN 850 WATERBASED NEUTRAL HCF is available in 25/200/208 litre drums.

## NAVACLEAN 850

## WATERBASED NEUTRAL HCF

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



### Product Information: NAVACLEAN 850 WATERBASED NEUTRAL HCF

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## DIRECTIONS FOR USE/APPLICATIONS & DOSAGE RATES

- **Pre-cleaning of Tanks**

Before cleaning with NAVACLEAN 850 – WATERBASED NEUTRAL HCF it is recommended, for non-drying oils, to pre-wash the tanks with hot water at 50°C. For drying oils and semi-drying oils the pre-cleaning should be made with cold water and it should be carried out immediately after completion of discharge of the cargo in order to retard the oxidation and hardening of oil residues.

- **Recirculation Method**

NAVACLEAN 850 – WATERBASED NEUTRAL HCF should be recirculated as a 5% solution for a period of 2-6 hours. The water temperature should be approx. 35-60°C. After completion of the recirculation period the tanks must be rinsed thoroughly with water. After chemical cleaning the tanks should be rinsed thoroughly with sea water, fresh water or di-water depending on availability and requirements

- **Hand spraying method**

Spray the surfaces with undiluted NAVACLEAN 850 – WATERBASED NEUTRAL HCF. NAVACLEAN 850 – WATERBASED NEUTRAL HCF can be applied by brush, or by NAVADAN Pump and Spray Equipment. Apply the chemicals until the tank surfaces are well soaked and let the product act for at least 30 minutes. Then rinse all tank surfaces with water at max. 60°C for 45 - 60 minutes.

## Product Characteristics

Completely miscible with sea water and fresh water. Suitable for use on zinc-silicate coatings and most common metals. Limited application on epoxy coatings. The maximum concentration is 10% and a maximum temperature of 60°C.

|                        |                   |
|------------------------|-------------------|
| Appearance:            | Colourless liquid |
| Specific gravity:      | 1.01              |
| Flash Point (PMCC):    | 65°C              |
| pH-value(1% solution): | 7.00              |

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



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