



MARINE CARE

CARECLEAN DEGREASER HD

Emulsifying cleaner for removing crude-oil, bitumen and paraffin

DESCRIPTION

Careclean Degreaser HD is a liquid cleaner containing aromatic solvents, anionic and non-ionic surfactants and complexing agents with good foaming qualities. Careclean Degreaser HD can be used to clean heavy oil, crude oil, bitumen, paraffin and other stains, having a high melting point.

ADVANTAGE

- Specific solvents with high boiling and flash points
- Ideally suitable for the removal of crude oil, bitumen, paraffin and other high melting point stains
- Can be used undiluted up to 80 °C
- Safe on most common metals, epoxy, polyurethane and zinc silicate coatings

APPLICATIONS

Steam boilers

Heavily contaminated steam boilers and steam boilers suffering from scaling where heavy oil contamination is included. In case a steam boiler is internally fouled with hardness scale and heavy oil, only an acid cleaning will not be sufficient. Careclean Degreaser HD is used first to remove oil and grease before the acid cleaner is applied.

Tanks

Careclean Degreaser HD can be used to clean heavy oil, crude oil, bitumen, paraffin and other stains having a high melting point in which cases a high cleaning temperature is required.

- High Flashpoint
- Safe on:
 - > Most common metals
 - > Zinc, epoxy and polyurethane coatings
- Approved by:
 - > IMO
 - > Marinfloc
 - > Major coating manufacturers



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DIRECTIONS FOR USE

Cleaning of steam boilers

Fill the system with a 5 % solution of Careclean Degreaser HD in fresh-water. Allow this solution to circulate for 12 - 24 hours at a maximum temperature of 90 °C. After this operation, drain the cleaning solution and rinse the system intensively with freshwater.

Cleaning of tanks

Prewash

Before cleaning with Careclean Degreaser HD, it is recommended to pre-wash with hot water at approximately 50 °C. For drying and semi-drying oils a pre-wash with cold water should be applied.

Recirculation method

Recirculation is highly effective and widely used. In this method a chemical solution is pumped via a closed loop through a mechanical tank washing machine. The chemical solution is normally prepared in the tank to be cleaned or in the slop tank. Heat is achieved by the use of a heat exchanger, steam coils or live steam injection. The advantages of this method are the recovery of the heat and chemicals to clean additional tanks. Careclean Degreaser HD is circulated as a 2 - 6 % solution at 50 - 90 °C for a period of 2 - 6 hours. After circulation rinse thoroughly with water. Depending on the degree of contamination one solution can be used to wash 1 - 3 tanks.

DOSAGE

Steam Boilers	5 % solution in fresh water
Tank cleaning	2 - 6 % solution in fresh water

PROPERTIES

Article number	14604 / 16604
pH	Not applicable
Density	0,89 g/cm ³
Flashpoint	85 °C
Physical state	Liquid

APPROVALS

- IMO approved in accordance with MEPC 590
- Marinfloc Approved OWS Compatible
- Major coating manufacturers. Deviations in temperature, exposure time and concentration to the above stated can vary per coating type, consult the coating manufacturers user guidelines.

For detailed information on safety and health, please refer to the Material Safety Data Sheet MSDS and/or product label.

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