

## ECOCLEAN

### DESCRIPTION

An environmentally friendly, non-toxic, completely biodegradable multipurpose cleaner. This water-based product has high degreasing properties due to the use of natural citrus oil solvents and advanced wetting agents.

### APPLICATIONS

Mixed in different concentrations, this product can be used for many purposes:

- General marine cleaning: removal of grease, oil, sludge, carbon deposits, polymer compounds, general dirt and grime, vegetable and animal oils and greases.
- As an engine room cleaner: for cleaning paintwork, as a carbon remover, to soak tanks, for ultrasonic and high pressure cleaning.
- Ecoclean can be used to clean the cargo tank of vegetable-, fish-, animal- and mineral oils, petroleum based chemicals, hydrocarbon freeing of cargo tanks and for the cleaning and degreasing of double bottoms, deep tanks, bilges etc.
- As a general cleaner it is used for bulkheads, deck and toilets. The product is safe to use on most types of plastics and vinyl.

After its use it demulsifies in the bilges or sloptanks and it is suitable for use with an oil / water separator.

### DIRECTIONS FOR USE

#### GENERAL CLEANING

*ECOCLEAN* can be applied by brush, spraygun, in an ultrasonic tank-system, in immersion baths with neat product or diluted in water up to 10% according to the type and amount of contamination to be removed.

After application in the engine room, slops must be allowed to separate for approx. 3 hours before treatment in the oil / water separator.

#### TANK-CLEANING

When using an automatic tank-wash system inject directly into the BWT line or gun-cleaner in a solution of approx. 0,5 - 1 per 1000 lt.

When re-circulating from one tank into the next, use a concentration of approx. 3% - 4%. Use the same solution for approx. 4 - 5 tanks, depending on capacity and contamination.

#### SPOT CLEANING

If necessary the product can be used neat. Spray on the surface to be cleaned and allow soaking for approx. 30 minutes before washing off with plenty of water. Best results are obtained when the solution is heated up until 40°C - 60°C.

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## ECOCLEAN

- New advanced ecological formula
- Waterbased degreaser
- Non-flammable
- Non-toxic
- No risk of water pollution during disposal operation
- Compatible with oil / water separators
- Promotes an healthy and pleasant smell in the working area
- Very economical dilution rate
- Compatible with all types of tank coatings

### PRODUCT CHARACTERISTICS

Appearance:	clear liquid
Corrosive action:	metal: do not use with aluminum rubber: may soften some rubber
Specific gravity:	1,0 (20°C)
Flash point:	none
pH 1% solution:	7-8
IMO Class:	not regulated
UN Number:	not regulated
ADR:	not regulated

**UNIClean**

*ECOCLEAN* is compatible with most tank-coatings. To be sure measure the pH of the coating or revert to UNIMARINE for further technical information.

#### **NATURE OF SPECIAL RISKS AND SAFETY ADVICE**

In accordance with the latest EEC Council directives this product is not subjected to any recommendation. Voluntary UNIMARINE recommendation:

- S2 : Keep out of reach of children
- S26 : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
- S28 : After contact with skin, wash immediately with plenty of water and seek medical advice
- S39 : Wear eye / face protection