

BILGE REMOVER

APPLICATIONS

BILGE REMOVER is a general oil and grease remover for deck and engine room. Most suitable for removal of oil and grease from machinery parts, tank tops, bulkheads, decks and floor plates. *BILGE REMOVER* is also used for cleaning of cargo tanks, bunker tanks and for spot cleaning.

DIRECTIONS FOR USE

BILGE REMOVER is applied by soaking, spraying or combined with scrubbing.

SOAKING

Dip parts to be cleaned into bath of undiluted *BILGE REMOVER*. Allow deposit to break up and loosen. Then rinse off with water (chemical cleaning module can be utilized for this application, allowing re-circulation of the product). A higher temperature of the solution (up to 60°C) always increases the cleaning power of the product.

SPRAYING / CLEANING OF TANKS

Apply *BILGE REMOVER* neat and allow product to penetrate into deposits for 15 to 20 minutes before rinsing off with water. For stubborn deposits some brushing may be necessary to accelerate removal. Before spraying a prewash with hot water of approx. 60°C is always helpful.

For tanks: before cleaning with *BILGE REMOVER* prewash with hot water of approx. 60°C, except for drying and semi-drying oils. Then spray with undiluted *BILGE REMOVER* and let the product soak for at least 30 minutes. Rinse each tank for approx. 45 minutes with hot water at 60°C.

SCRUBBING

Use *BILGE REMOVER* undiluted, agitate by scrubbing where soiling is not recent, is thick and/or trodden in. Rinse off with water.

CLEANING OF COOLING SYSTEMS

Fill the cooling system with an emulsion of *BILGE REMOVER* and water, Depending on the degree of contamination, 100 lt. of cleaning liquid should contain 5-10 lt. of *BILGE REMOVER*. Allow this emulsion to circulate for 12-24 hours at a maximum temperature of 60°C. After this operation, drain the cleaning liquid and rinse the system thoroughly with water until the outlet water remains clear. Add cooling water treatment such as D.C.W.T.

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BILGE REMOVER

General purpose emulsifier cleaner

- Highly effective solvent with rapid penetration
- Loosens and breaks up deposits quickly
- Strong emulsifying action
- Easily rinsed leaving surfaces free of oil and grease
- Quick and easy to use - saves labor costs
- Non-corrosive, low toxicity product

PRODUCT CHARACTERISTICS

Appearance:	light yellow, amber or dark brown liquid
Corrosive action:	metal - none paint - none rubber - slight swelling
Specific gravity:	0,85 - 0,9 (20°C)
Flash point:	>63°C
IMO Class:	9 / III
UN Number:	3082
ADR:	9.11c)

NOTE: In some instances rinsing may not be necessary and cleaned surfaces may be wiped down or left to dry.

NATURE OF SPECIAL RISK AND SAFETY ADVICE

In accordance with the latest EEC Council directives this product is subjected to:

- R51/53 : Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
- R65 : Harmful, may cause lung-damage if swallowed
- S2 : Keep out of reach of children
- S23 : Do not breathe gas, fumes, vapor, spray
- S24 : Avoid contact with skin
- S60 : The material and its container must be disposed of as hazardous waste
- S61 : Avoid release to the environment. Refer to special instructions / safety data sheets
- S62 : If swallowed do not induce vomiting, seek medical advice. Immediately show this container or label