



ALCACLEAN XF™

DESCRIPTION

ALCACLEAN XF is a high quality product, with good foaming properties specifically formulated to remove different type of coal cargo residues from the cargo holds.

ALCACLEAN XF formula provides immediate and efficient results in cleaning as well as an odor eliminator. The foam created increases the cleaning duration and the penetration of the treated surface to be adequately enhanced. The results being, increased chemical competence and cost effectiveness.

ALCACLEAN XF can also act as a general cleaner/remover of vegetable oil, animal oil, fat, fuel oil, lube oil and pet coke residues from cargo and storage tanks as well as from other systems. It is water-based product and is non harmful for the marine environment (non HME), as per latest IMO regulations.

Its use on Aluminum, Zinc and Tin surface coatings is not recommended unless diluted with water.

ADVANTAGES AND CHARACTERISTICS

- ◆ A non-flammable liquid mixture.
 - ◆ Effectively removes different type of coal cargo residues from the cargo holds.
 - ◆ It removes rubber traces from car tyres in a ship's garage area
 - ◆ Can be used as a general purpose cleaner to remove oil and grease deposits.
 - ◆ An odor binder and eliminator.
 - ◆ Can be combined with a specific range of products.
 - ◆ Soluble in fresh and sea water.
 - ◆ Effectively dissolves all fat, vegetable and animal oil, dry or not.
 - ◆ Acts as an acid-neutralizing agent.
 - ◆ Cost effective, easy to apply and use.
- ▶ **According to MARPOL 73/78** bulk carriers are only permitted to use cleaning agents, which had been approved and evaluated by the International Maritime Organisation (IMO).
- ▶ **ALCACLEAN XF** was evaluated in accordance with MEPC.1/Circ. 590 through IMO's Working Group on the Evaluation of Safety and Pollution Hazards of Chemicals (ESPH Working Group) and found to meet the requirements of regulation 13.5.2 of Annex II of MARPOL 73/78.

- ▶ **ALCACLEAN XF** is not harmful to the marine environment as per MARPOL MEPC 63 Annex V Amendment [MEPC. 71/17/Add.1 Annex 21, Resolution MEPC 295 (71)].

PHYSICAL PROPERTIES

ALCACLEAN XF is a water-based alkaline concentrated liquid solution, consisting of specific minerals, detergents and wetting agents.

Appearance/Color	: Clear, colorless liquid
Odor	: Odorless
Specific gravity	: 1.10 - 1.20 gr/cm ³ at 20°C
pH value	: 12.00 - 13.00
Flash Point	: None

PACKAGING

Order Number	: 833007 (30 ltrs)/832116 (210 ltrs)
Container	: Plastic jerrican/Plastic drum

APPLICATION AND USE

A. Dosing Procedure

ALCACLEAN XF can be used either diluted or undiluted, depending on the degree of contamination on the surface area that needs to be treated.

Circulation method: A solution of 5-10% must be prepared by diluting **ALCACLEAN XF** with fresh or sea water.

Injection method: Prepare a solution of 5-10% by diluting **ALCACLEAN XF** with fresh or sea water.

B. Cleaning Procedure

Circulation method: After the solution is prepared, apply by circulating for approximately 6-8 hours. Thereon, wash thoroughly with water.

Injection method: When the prescribed solution is prepared, inject directly to the contaminated area. Afterwards, rinse thoroughly with water.

▶ IMPORTANT INFORMATION

ALCACLEAN XF is considered to be a highly caustic product. Operators must always consult MSDS (Material Safety Data Sheet) and the Safety and Handling instructions table before using this product.



! SAFETY AND HANDLING

HANDLING	Handle with care. Store in a dry, cool and well ventilated environment.
SAFETY	IMMEDIATE ACTIONS
Eye Contact	Avoid Eye contact. Otherwise, flush with plenty of water for a few minutes. Seek medical attention.
Skin Contact	Avoid Skin contact. Otherwise, wash contaminated area thoroughly with water. Seek medical attention.
Inhalation	Do not breathe gas/vapors. Otherwise, seek fresh air source at once. Seek medical attention. In case of insufficient ventilation, wear suitable respiratory equipment.
If Swallowed	Avoid ingestion. Otherwise, consume a considerable quantity of water. Do not induce vomiting. Seek medical attention.
GENERAL INSTRUCTIONS	Avoid spillage, splashing and mishandling. Precautionary measures for body protection are strongly recommended before use.

 **Read the Material Safety Data Sheet before using this product.**

For detailed information on safety and health, please refer to Material Safety Data Sheet and/or Product Label.

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