

ALKACLEAN SAFETY

1. DESCRIPTION

A non-caustic heavy alkaline cleaner formulated for cleaning animal, vegetable, mineral and fish oils, from tanks with special coatings including zinc.

- Adds substantial degree of safety to the washing process due to its non-caustic base.
- Minimizes the extreme hazards to ships personnel is handling caustic based materials.
- Bio Degradable / Non-Toxic / Non-Pollutant.
- Incorporated in the product are inhibitors to prevent corrosion of metals such as zinc, aluminum, copper, brass, and tin. This is a critical requirement for vessels using zinc protective tank coatings.

2. APPLICATIONS

ALKACLEAN SAFETY is specifically designed to improve cleaning efficiency while overcoming the limitations imposed by caustic based cleaning compounds. **ALKACLEAN SAFETY** can also be used as a deodorizing wash in all applications.

3. DIRECTIONS FOR USE

Our general recommendations are for cleaning tanks for edible cargos to a degree of cleanliness where no contaminants are to be tolerated in the next cargo. Recirculate or inject **ALKACLEAN SAFETY** at .075 - .7% (.75 - 7 liters) strength per ton of fresh water after the tanks have been stripped and rinsed. Modified procedures are required with drying oils. **ALKACLEAN SAFETY** can also be applied neat in spray applications followed by a rinse. Dilute product at a rate of 1-7.5 parts with water.

UNI AMERICAS Service Engineers are available to review your specific problem and offer recommendations for the best results at minimum costs.

4. OTHER INFORMATION

SAPONIFYING ANIMAL AND VEGETABLE OILS AND FATS

Saponification is the alkali-induced process of splitting animal and vegetable fats to form a soluble soap. **ALKACLEAN SAFETY** breaks oil into fine droplets, which are saponified easily.

EMULSIFYING MINERAL OILS AND GREASES

Oils, which cannot be saponified, are removed by emulsification. **ALKACLEAN SAFETY** homogenizes grease, oil, and fat particles into small sizes and disperses them evenly in water. Particles are kept segregated and prevented from recombining and reattaching to the cleaned surface.

DEFLOCCULATION

Solid dirt is not removed by saponification or emulsification. **ALKACLEAN SAFETY** breaks up agglomerated masses into very fine particles, which repel each other.

THE MOST ADVANCED AND ECOLOGICAL VERSION OF ANY NON-CAUSTIC TANK CLEANING COMPOUND FOR USE IN ZINC COATED TANKS

(IMO APPROVED PRODUCT)

Product Highlights

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Product Characteristics

Appearance:	Pale clear yellow liquid
Corrosive action:	Not dangerous
Specific gravity:	1.022
Flash Point:	None
pH:	11.5-12

This information is not to be taken as a warranty or representation for which we assume any legal responsibility. The information is offered solely for your consideration, investigation and verification

clean chemicals clean ships clean seas

