



TRIO BREAK-196

WATER BASED CONCENTRATED SAFE CARGO TANK CLEANER

TRIOBREAK-196; It is a caustic-free, safe water-based concentrated cargo tank cleaner.

PRODUCT FEATURES AND BENEFITS

- IMO certified.
- Mineral oil is an effective product used to clean the deposits of animal and vegetable oils (soy oil, palm oil, fish oil and coal tar).
- It is also used for cleaning soot deposits left by inert gases in cargo tanks. Also suitable for use in hydrocarbon cleaning.
- Suitable for use in stainless and epoxy tanks and zinc alloy tanks.
- Not suitable for use in aluminum and zinc alloy tanks.
- It is fast penetrating.
- It does not contain acids, caustic, nonyl phenol ethoxylates, and hydrocarbon compounds.
- Biodegradable in nature.
- It does not leave white stains on tank walls after cleaning.
- It eliminates bad odors caused by cleaning with solvent-based chemicals.
- Suitable for use with sea water, no reduction in foam.

DOSAGE AMOUNT AND INTENDED USE

The dilution ratio varies depending on the contamination rate of the surface to be cleaned. In the cleaning of vegetable and animal oils, it is recommended to start cleaning as soon as possible after unloading. In particular, hot water must not be used for the cleaning of solid, vegetable and animal oils (prewashing with cold water to avoid soaping reactions). Hydrogenated oils are to be prewashed with hot water. If sea water is used in the preparation of cleaning solution, the chemical foam quality may decrease. If sea water is used in the rinsing phase after the cleaning, this may pose a corrosion risk and it is recommended that the rinse be performed with fresh water instead of sea water.

1 - CIRCULATION METHOD

TRIOBREAK-196 is prepared by diluting with 1-3% water. If the solution can be heated to 50-55°C, the result of better cleaning shall be obtained. The solution is circulated for 2-3 hours depending on the contamination. It can be used in other tanks until the solution is no longer effective (2-3 tanks). Rinse the tanks with water at a temperature close to the solution being cleaned.

NOTE: For intensive dirt and mineral oils, tank walls must be pre-washed with cold water to prevent soaping reaction in vegetable and palm oil cleansing with 55-60°C water.

2-INJECTION METHOD ;

Chemical solution which is prepared with the ratio of 1 to 2 percent is delivered to the tank through direct injection. If the water temperature can be heated to 50-55°C, the best outcome shall be obtained. Cleaning time is 2-3 hours for one tank. After cleaning, rinse with fresh water.

3- SPOT POINT CLEANING METHOD ;

Dilute the solution with water at a rate of 1/3-1/4. Then prepare the chemical solution to the washing machine reservoir. The washing machine does not harm the pumps, equipment and apparatus. If the solution can be heated to 55-60 °C and injected onto the surface, the result will be more efficient. Suitable for use with cold water. It is expected to react on the surface for about 10 minutes, then cleansed with plenty of water at about solution temperature.

The phrases provided above are standard flushing procedures and the tank will vary depending on the physical condition of the warehouses and the type of load.

NOTE: Please review the MSDS reports before use for safety, occupational health and safety.

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