TRIO TANK-R

SOLVENT BASED CONCENTRATE TANK CLEANER

TRIO-TANK/R; It is a concentrated tank cleaner and degreaser mixture of low toxydiene aromatic solvents. It easily binds to upright surfaces as it stabilizes when mixed with water. In this way, it ensures a more effective cleaning by extending the contact time.

PRODUCT FEATURES AND BENEFITS

- IMO certified.
- It is used for cleaning crude oil, soot, asphalt, carbon deposits, fuel oil, base oil, oil derivatives, tar, refined mineral oil and fuel. Also suitable for use in inert gas cleaning.
- It can be used safely on many surfaces, including epoxy and sensitive metals.
- It does not contain nonyl phenol ethoxylates and other harmful estrogen components.
- It has high penetrating property.
- Biodegradable in nature.
- It is a mixture of aromatic hydrocarbons with low toxicity.
- It can also be used as an oil cleaner in bilge and engine room.
- It is very economical due to its low dosage rate.
- When mixed with water, it gains consistency.

DOSAGE AMOUNT AND INTENDED USE

The dilution rate will vary depending on the amount of deposits, the temperature of the prepared solution and the number of tanks to be cleaned.

1 – CIRCULATION METHOD

Prepare the cleaning solution in an empty slope tank or in a tank in the immediate vicinity of the pump room. The cleaning solution is prepared with 2-4% trio-tank/R. Afterwards, the solution is circulated through the tanks via heater and tank washing system. The chemical solution returns from the tank to the slope tank via the filtering circuit pipe. It is generally not possible to recirculate the solution through the tank washing heater (to keep the temperature of the solution constant) without making a temporary connection between the tank where the chemical solution is prepared and the tank washing pump. Slope tank, pipelines and pumps capacities have to be carefully considered in order to ensure adequate volumetric rate in continuous circulation of chemical solution In addition to the amount of chemical solution, depending on the condition and size of the tanks to be cleaned, a maximum of 3 tanks are completely cleaned with a single chemical solution. After cleaning, rinse the tanks with fresh water or sea water for the best results.

2 – DIRECT INJECTION METHOD- WITH TANK WASHING MACHINES

0.1-0.3% TRIO-tank/R (1-3 lt chemical addition to 1 ton of water) is diluted with water and the solution is prepared. The solution is sprayed on the tank walls with the help of an automatic tank cleaning system. Cleaning process is maintained for 3-5 hours. Rinse with 50-55°C water. Also suitable for use with cold water.

3-SPOT CLEANING

The tank diameters are sprayed with dilution-ratio TRIO-TANK/R 1/2-1/3, and are expected to react with the contamination at the surface for 15-20 minutes. At the end of the contact period, rinse the tank surfaces starting from top to bottom with the help of pressure machines. The rinse water temperature will give the best result at 55-600C.

4-ROCK & ROLL METHOD

The tank to be cleaned is filled with sea water up to 50 percent level. Add 0.1 to 0.3 percent chemicals. Continue cleaning for 24-48 hours with a 1-3 lt chemical product per ton of water. Then the tank is filled with sea water to 75% capacity, continue cleaning at 55-60 0C for 24 hours. The tank is then emptied, filled with sea water and rinsed. Tank is pressed and discharged for 24 hours. Rinsing should be repeated 1 -2 times.

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.

Tirio Kimya San. ve Tic. Ltd. Şti.
Aydınlı-KOSB Mah. İstanbul Tuzla Kimya Sanayicileri OSB (KOSB)
Analitik Cad. No : 9 Tuzla – İSTANBUL
Tel: + 90 216 304 0 189 (pbx) **Fax: + 90 216 304 0 187**
Mail : info@tiriokimya.com **Web : www.tiriokimya.com**