

## ProTank CTR COAL TAR REMOVER

Cleans of carbon residues from tanks carrying bitumen and tar, heat exchangers and air coolers

### Description

It is a solvent-based and effective cleaning product used to clean carbonized coal dust, crude benzene, bitumen, and tar. Removes carbon residues from bitumen and tar-bearing tanks, heat exchangers, and air coolers.

### Directions For Use/Applications & Dosage Rates General Cleaning

#### Tank cleaning

Method	Dosage	Apply Temperature	Washing Medium
Close circulation with Tank Cleaning Machine (via slop tank)	Water mixed solution with 1/3 ratio	50-60°C	SW/FW/TFW

SW: Sea Water / FW: Fresh Water / TFW: Treated Fresh Water

After the tanks are emptied, they should undergo an initial wash with sea water heated to an average of 50°C for 1-2 hours. Following the initial wash, large deposits (if any) should be removed manually.

Prepare ProTank CTR-Water mixture by 1/3 ratio and circulate via tank cleaning machines for 6-8 hours. It is strongly recommended to heat the mixture to 50-60°C. After circulation, the solution in the tank should be stored in another slop tank. To cleanse the tank of the chemical, it must be rinsed with water heated to 50°C for 2 hours. If there are residues in the tank, another wash (spray or brushing) can be done by preparing a solution with ProTank TC or ProClean OGR.

#### Cleaning of heat exchangers

Before cleaning with ProTank CTR, steam the heat exchangers to remove any hard layers of debris on top of the heat exchangers, then wash them with cold water. Be sure to remove all solid waste before you start applying ProTank CTR. After cleaning these deposits, fill the system with concentrated ProTank CTR, then circulate at 50-60°C for 7-8 hours.

#### Cleaning the air coolers

For the cleaning process, both the circulation and spray methods are suitable. In both methods, the product should be used without dilution, and in the circulation method, the product should be circulated at 50-60°C for 7-8 hours.

### Tank & Cargo Hold Cleaners

#### Summary

- Can be used safely on all metals and metal alloys.
- Not suitable for plastic, rubber-based materials
- ProTank CTR is an economical product; it can even be mixed with seawater for application
- It does not damage the paint.
- It is a very effective cleaner, removing traces of carbonised coal dust, crude benzene and tar.

#### A) Organic Properties

##### Appearance

Physical State (20°C): Liquid  
Color : Clear  
Odor : Solvent odour

#### B) Physical Properties

pH (concentrated) : -  
Molecular Weight : -  
Explosion Limit : No  
Flash Point : -  
Density : 1.08-1.18 g/cm<sup>3</sup> (20°C)

#### Storage Conditions

Packaging Type : 25-30-210 liters sealed, plastic drum or barrel  
Storage Period : 3 years

#### Approvals & Certificates



Product No : SP-KS-049