

COAL TAR REMOVER

1. DESCRIPTION

- Effective cleaner, which will not leave carbon residues on the cleaned surface.
- Excellent for cleaning of heavily contaminated heat exchangers.
- Economical cleaner, which can be used as an emulsion with seawater.
- Minimizes wastewater, because of fast separating properties. (Product contamination sinks to the bottom of separation tank because it is heavier than water.)

2. APPLICATIONS

COAL TAR REMOVER is used for cleaning of tanks, heat exchangers, air coolers etc.

3. DIRECTIONS FOR USE

For Cleaning of Tanks

1. After discharging, prewash (2 hours) the tanks with seawater at a maximum temperature of 50°C.
2. Remove any sediment by hand.
3. Make a solution in the tank, which has to be cleaned in the ratio of 100 liters of **COAL TAR REMOVER** to 900 liters of water.
4. Heat the solution up to approximately 50°C, by use of the heating coils.
5. Start the circulation. (Cargo pump, cargo line with jump to the Butterworth line to the Butterworth machines)
6. Continue circulation for about 4-8 hours at the same temperature.
7. Pump the solution into another tank.
8. Wash the tank with water and inject some **SEACLEAN OR COLD WASH** into the Butterworth line if necessary.
9. If the tanks are coated with zinc silicate, there may be a discoloration after the cleaning. If so, make a solution of fresh water and **BUFFERCLEAN 5.5** in the tank in the ratio of 9 to 1 = 10% solution.
10. Heat this solution up to 50°C.
11. Start circulation following item 3.
12. Continue with the circulation for 1-2 hours.
13. Wash with fresh water.
14. Drain the tank.
15. For chloride free cleaning, steam the tank with live steam.

For Cleaning of Heat Exchangers Etc.

1. Start with a shock treatment with steam followed by flushing with cold water to break hard deposit layers, which will help the cleaning with **COAL TAR REMOVER** afterwards.
2. Fill the system with **COAL TAR REMOVER** and circulate by means of a pump at maximum 50°C for approximately 8 hours.
3. Drain and flush with water.

For Cleaning of Aircoolers

EMULSIFYING CLEANING AGENT FOR THE REMOVAL OF COAL TAR, CRUDE BENZENE, PYROLYSE GAS OIL, BITUMEN AND SIMILAR SUBSTANCES

Product Highlights

- Will not leave carbon residues on the cleaned surface.
- Cleans heavily contaminated heat exchangers.
- Economical cleaner.
- Minimizes wastewater, because of fast separating properties.

Product Characteristics

Appearance:	Clear liquid, amber
Corrosive action:	None
Specific gravity:	0.9(20°C)
Flash Point:	>80°C
pH:	7

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COAL TAR REMOVER

For badly soiled aircoolers use the circulation method or spray system.

COAL TAR REMOVER is used undiluted by means of a pump, spray and drain tank by circulation through the aircooler. The cleaning temperature should be 50°C, cleaning time approximately 8 hours.

During the cleaning, the system should be closed and the area around must be ventilated well.

Cleaning in Immersion Baths

COAL TAR REMOVER is used undiluted in immersion baths for the cleaning of metal components, which are badly soiled with coal tar or similar substances. Afterwards, the parts must be well flushed with water. During the cleaning, the bath must be closed and the area must be ventilated well.