

## DESCRIPTION

ENVIROCARE 370 heavy-duty solvent cleaner is a solvent based coal tar solubilizer and emulsion cleaner, containing a blend of aromatic hydrocarbons and surface-active agents. It is used for the removal of coal tar, crude, benzene, bitumen and similar substances. ENVIROCARE 370 heavy-duty solvent cleaner is an economical cleaner which can be used for cleaning heavily contaminated metal parts as well as for tank cleaning. Upon sitting, a solution of water and ENVIROCARE 370 heavy-duty solvent cleaner cleaning agent will separate, leaving water at the top while the cleaner and contaminants settle at the bottom of the tank.

ENVIROCARE 370 heavy-duty solvent cleaner has been approved by the IMO according to guidelines under IMO MEPC. 1/Circ.590. Only cleaners approved under the aforementioned guidelines, can be used for tank cleaning onboard ships that are issued an NLS Certificate and can be disposed of at sea.

## TANK CLEANING

The following tank cleaning instructions are not intended to interfere with the judgment of the Master, Chief Mate, or Chief Engineer in the operation and/or navigation of the vessel. They are meant only as a guide since circumstances for each tank cleaning operation will vary. The recommendations provided are designed to achieve the optimum results and are based on over 80 years of tank cleaning experience.

## APPLICATION & USE

### **BE SURE TO HAVE ADEQUATE VENTILATION WHEN USING THIS PRODUCT.**

Before cleaning with ENVIROCARE 370 heavy-duty solvent cleaner, it is recommended to prewash for two hours with

seawater at a maximum temperature of 50° C. If the previous cargo was crude oil, drying or semi-drying oils, a prewash with cold water should be applied. Remove any sediment by hand.

### **Recirculation Method**

Prepare a 1-2% cleaning solution of ENVIROCARE 370 solvent using an automatic tank washing machine, recirculate for four to eight hours at 50°C. Heat is normally achieved by the use of heating coils in the tanks being cleaned. The volume of the recirculating tank washing system should be carefully calculated to ensure there is sufficient cleaning solution for continuous recirculation. Pump the solution into another tank. Rinse with fresh water and drain.

### **Direct Injection**

Apply ENVIROCARE 370 heavy-duty solvent cleaner by directly injecting 0.1-0.2% solution.

### **Spot Cleaning**

Apply ENVIROCARE 370 heavy-duty solvent cleaner by spray, brush, mop or soaking method to remove coal tar, dried tars and asphalt. Allow at least 20 minutes after application to soften and solubilize hard contaminants before rinsing.

### **Immersion Baths**

ENVIROCARE 370 heavy-duty solvent cleaner can be used in immersion baths for the cleaning of metal components badly soiled with coal tar or similar substances. During cleaning, provide periodic agitation and keep the area well ventilated.

## TYPICAL PHYSICAL PROPERTIES

Appearance:	Clear, yellow color liquid
Specific Gravity @25°C:	1.19
Flash Point (PMCC):	75°C
pH:	N/A
Pour Point:	-7.8°C

## FEATURES

- High concentrated blend of solvents and surfactants
- IMO Approved as a tank cleaning additive

## BENEFITS

- Effective on heavy contaminants, including coal tar, crude, bitumen, and benzene
- Reduces cleaning costs and time
- Minimizes down time
- Economical
- Fast separating, property minimizes waste water
- Suitable for disposal at sea when cargo tank residues are authorized to be disposed of at sea



Contact your Drew Marine representative for more information

## PACKAGING

ENVIROCARE® 370 heavy-duty solvent cleaner is available in 200-liter containers (PCN 6519427).

## IMPORTANT INFORMATION

Drew Marine maintains Safety Data Sheets on all of its products. Safety Data Sheets contain health and safety information for your development of appropriate product handling procedures to protect your employees.

Our Safety Data Sheets should be read and understood by all of your supervisory personnel and employees before using Drew Marine products.



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