

# COLD WASH HD / HD DEGREASER

## 1. DESCRIPTION

Emulsifying cleaning agent for the removal of heavy mineral oils and fats by spraying and brushing. Based on aliphatic hydrocarbons, nonionic and anionic surface-active agents. It is the most universally applicable product from the series of emulsifying cleaning agents. Safe for use on common metals, epoxy and zinc silicate coatings.

## 2. APPLICATIONS

### Cooling Systems

Along with the usual lime deposits, traces of mineral oils are often found in cooling systems. These oil and fat deposits hinder optimum removal of the hardness deposits when using acid cleaners (e.g. **SAFE DESCALER**). In such cases, it is recommended to use an emulsifying cleaner before acid cleaning, to remove these deposits. UNI AMERICAS' **COLD WASH HD** is ideal in these cases.

### Spraying

**COLD WASH HD** can be sprayed undiluted onto the components to be cleaned.

### Tanks

**COLD WASH HD** can be used for the removal of most mineral oils and fats in cargo or storage tanks.

## 3. DIRECTIONS FOR USE

### Cleaning of Cooling Systems

Fill the cooling system with an emulsion of **COLD WASH HD** and water. Depending on the degree of contamination, **100 liters** of cleaning liquid should contain **5-10 liters** of **COLD WASH HD**. Allow this emulsion to circulate for **12-24 hours** at maximum temperature of **60°C**. After this operation, drain the cleaning liquid and rinse the system thoroughly with water until the outlet water remains clear. Add cooling water treatment (e.g. UNI AMERICAS' **N.C.L.T.**) into the system.

### Spray Method

Spray the objects to be cleaned until they are thoroughly dampened with undiluted **COLD WASH**. Let the product react for **20-60 minutes**, then rinse the objects thoroughly with water.

**NOTE:** Objects subject to corrosion should not be rinsed with water, use in this case **LECTROCLEAN FAST DRY**.

## CLEANING OF TANKS

### Prewash

Before cleaning with **COLD WASH HD** it is recommended that to prewash with hot water at approximately **60°C**, except for drying and semi-drying oils where a prewash with cold water should be applied.

## HEAVY DUTY SOLVENT BASED CLEANER FOR MINERAL OIL & GREASE

(IMO APPROVED)

### Product Highlights

- Removes heavy mineral oils and fats.
- Most universally applicable product from the series of emulsifying cleaning agents.
- Safe for use on common metals, epoxy and zinc silicate coatings.

### 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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clean chemicals clean ships clean seas



## COLD WASH HD / HD DEGREASER

### Spray Method

Spray the tank with undiluted **COLD WASH HD** until the walls are thoroughly dampened and let the product soak in for at least **30 minutes**. Rinse each tank compartment for **45 minutes with water at 60°C**.