



## material safety data sheet :

# CEMENT REMOVER

### DESCRIPTION :

**CEMENT REMOVER** is an effective acid based liquid mixture specifically designed to deal with hard cases of cement cargo deposits or dry cement stains. Its proven advantage is the provision of immediate penetration and complete dissolution of cement, the result being a thorough cleaning..

### ADVANTAGES AND CHARACTERISTICS :

- Ideal for the removal of cement deposits and dry stains.
- Acts quickly and thoroughly.
- It is applicable to all metal surfaces and parts except those being galvanized and those made of Tin, Zinc and Aluminum.
- It is a water-soluble and non-flammable liquid mixture.
- Safe to use on rubber and plastic compounds.
- Can be combined with a specific range of other products.
- Replaces the use of other products, which fail to treat awkward situations like the removal of salt deposits and other hard deposits such as rust
- Cost effective, easy to apply and use.

According to MARPOL 73/78 chemical tankers are only permitted to use tank cleaning agents, which had been approved and evaluated by the International Maritime Organisation (IMO).

**CEMENT REMOVER** was evaluated in accordance with MEPC.1/Circ. 590 through IMO's Working Group on the Evaluation of Safety and Pollution Hazards of Chemicals (ESPH Working Group) and found to meet the requirements of regulation 13.5.2 of Annex II of MARPOL 73/78.

### PHYSICAL PROPERTIES :

**CEMENT REMOVER** is an aqueous acid liquid solution assisting in the neutralization of basic systems also used for the pickling and cleaning of metal parts.

Appearance / Color :	Clear, colorless liquid
Specific gravity :	1.16 gr/cm <sup>3</sup> at 15 °C
Solubility in water :	Appreciable
pH (1% Solution) :	1
Odor :	Pungent

### PACKAGING :

Order Number :	833008 (25 ltrs), 832108 (210 ltrs)
Container :	Plastic jerrican, Plastic drum

### APPLICATION AND USE :

#### **A. Dosage**

**Undiluted:** In cases where we deal with heavy deposit build-up, **CEMENT REMOVER** must be applied undiluted.

**Diluted:** In cases of light deposition, on large surface areas, a solution between 10-40% may be used.

#### **B. Cleaning Procedure**

**Undiluted/Diluted:** In parts such as corner cavities, tank skeleton inlets, etc, **CEMENT REMOVER** must be carefully poured and/or applied by conventional means such as a hard brush, mop, sponge or any other manual devices feasible to move with rapid and irregular action. Let it soak for 15 minutes. Afterwards, wash thoroughly by applying high-pressure water source.

In case of deposit persistence, repeat the cleaning procedure.

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### IMPORTANT INFORMATION:

CEMENT REMOVER is considered a highly corrosive product. Operators must consult the Safety and Handling instructions table before use.

### SAFETY AND HANDLING:

<b>HANDLING</b>	Handle with care. Store in a dry, cool and well ventilated environment.
<b>SAFETY</b>	<b>IMMEDIATE ACTIONS.</b>
<b>Eye Contact</b>	Avoid Eye contact. Otherwise, flush with plenty of water for a few minutes. Seek medical attention.
<b>Skin Contact</b>	Avoid Skin contact. Otherwise, wash contaminated area thoroughly with water. Seek medical attention.
<b>Inhalation</b>	Do not breathe gas/vapors. Otherwise, seek fresh air source at once. Seek medical attention. In case of insufficient ventilation, wear suitable respiratory equipment.
<b>If Swallowed</b>	Avoid ingestion. Otherwise, consume a considerable quantity of water. Do not induce vomiting. Seek medical attention.
<b>GENERAL INSTRUCTIONS</b>	Avoid spillage, splashing and mishandling. Precautionary measures for body protection are strongly recommended before use.

**Read the Material Safety Data Sheet before using this product.**

*For detailed information on safety and health, please refer to Material Safety Data Sheet and/or Product Label.*

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