



Product Information

CR DEGREASER C

USAGE/DESCRIPTION

Cr Degreaser C is a heavy duty **tank cleaning additive** formulated with inorganics. It has proved to be extremely effective as a lead, hydrocarbon and contaminant remover for tanks preparing for solvents loading. It effectively remove and clean tanks containing hardened lube, vegetable oil, animal fats, acrylate and phthalates.

COMPARABLE MARKET PRODUCTS

Henkel CTC/ VL C Cleaner

TYPICAL SPECIFICATIONS

Specific Gravity at 20°C	:	1.07
pH Value	:	7
Flash Point	:	Nil
Appearance	:	Slightly Yellow Viscous Liquid



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DIRECTIONS FOR USE & DOSAGE INSTRUCTION

Spraying Method

Never use this product neat. In areas of stains and hardened deposit **CR Degreaser C** may be diluted in the ratio of 1.5%. **CR Degreaser C** with 95% water and applied directly using a high pressure sprayer. It is recommended that the entire stain surface be wet with **Cr Degreaser C** and allowed to sit for 10 - 15 minutes before washing off with water. This procedure may be carried out at ambient temperature.

Circulation Method

Cr Degreaser C may be diluted in water to make a degreaser-water solution with **0.1% - 0.3%** concentration of degreaser and circulated through the tank using a deep well pump. It is recommended that each wash cycle be for approximately 5 hours and at a temperature of 40°C – 45°C. *For more effective cleaning, the temperature may be raised to **65°C to 85°C**. The cleaning solution often retains sufficient cleaning power after an initial wash that it may be recycled back to the tank for additional cleaning or cycled through other tanks. Water may then be used for a final wash to remove any residue.

***CAUTION:** Standard practices require that the cleaning temperature be 10°C below the boiling point of the lightest component of the cargo. This is to prevent vapour emission of the cargo during the cleaning process.

Immersion

Small parts/components may be cleaned by soaking them in a bath of **Cr Degreaser C** at a dosage of 1 - 1.5% degreaser-to-water solution.



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BENEFITS / ADVANTAGES

- 1) **Cramoil Degreaser C** can be applied with. Caustic soda, potassium hydroxide to create a strongly alkaline cleaning solution that is both economical and effective for tank cleaning.
- 2) **Cramoil Degreaser C** can also be applied with phosphoric, citric and nitric acid to form a highly effective, economical and easy to use acid solutions.
- 3) The introduction of a new type of break through surfactants enable highly concentrated solution of complexing agent, alkaline solution and surfactant to blend and enable a consistent concentration of **Cr Degreaser C** to be applied during tank cleaning.
- 4) Due to the highly concentrated nature of the solution, a smaller amount will be required and used as compared to other standard degreaser. This result in considerable cost saving and a reduction in the ship's space required for the storages of cleaning chemical.
- 5) This **IMO approved product** is environment friendly, non flammable, highly effective and biodegradable.
- 6) Due to the additional of antifoam agent, **Cr Degreaser C** will not produce any excessive foam which might create a problem to the ship's crew.



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CARGO LIST

Cr Degreaser C is effective for the removal of the various cargo residues:

- Hardened lube, leaded product Acetales, acraylate and phthalates.
- All **mineral oils**, including but not limited to alpha olefins, camphor oil, carbolic oil, cashew nutshell oil, castor oil, crude palm oil, coconut oil fatty acid, corn oil, cottonseed oil, cottonseed oil stearine, latex, CTLA Polymer (Exxon), fish oil, tung oil, palm oil, peanut oil, sunflower oil.
- All **fats** including but not limited to fatty acids, fatty alcohols and animal fats, fatty acid synthetic.
- **Lubricant additives** from Exxon, Lubrizol Corporation, Shell and Chevron.
- **Petroleum products and petrochemicals** including but not limited to lubricants, diesel, jet fuel, fuel oil and dirty/sops oil tank, aromatic hydrocarbons, aliphatic and chlorinated hydrocarbons, butyl methacrylate monomer and other odouress product, phenol and wax and grease white, greaser pleshing, etc.
- **Coal and soot.**

APPLICATIONS

Cr Degreaser C can be used for tank cleaning of tankers with iron, steel, epoxy and phenolic surfaces. When heated to a temperature of 45°C, it will reach its optimum effectiveness for oil and grease removal on a tank walls and industrial surfaces.

HANDLING & PRECAUTIONS

Irritates the skin

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.