



Product Information

CR DEGREASER HCF

USAGE/DESCRIPTION

Cr Degreaser HCF is a solvent based tank cleaning additive with low foaming surfactants that will rapidly removed vegetable oil, animal fats and lube additives without damaging aluminium or zinc coated tanks. This product has proven to be effective for the removal of rust sediments and hydrocarbon free cleaning operation. It can also be used as a final wash down when cleaning has been done by alkaline degreasers like Cr alkaline degreaser LAC or Cr Aqua Cleaner.

TYPICAL SPECIFICATIONS

Specific Gravity at 20°C	:	0.802
pH	:	7
Flash Point	:	68°C
Appearance	:	Clear

COMPARABLE MARKET PRODUCTS

"CP Metal Super Degreaser, Unitor's alkleen safety liquid, Careclean Neutral HCF, Vecom's tankclean Neutral HCF, Unimarine waterbased Neutral HCF and Drew's edge.

DIRECTION FOR USE & DOSAGE INSTRUCTION

Spraying Method

For cleaning on surface with heavy contaminants, it will be more effective to spray on the area with a high pressure sprayer with 2% concentration of **Cr Degreaser HCF**. Wet the entire surface with **Cr Degreaser HCF** and allow 10 ~ 15 minutes for the solution to take effect before washing off the entire area with water at ambient temperature.



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Circulation Method

0.2% of **Cr Degreaser HCF** can be circulated by using the deep well pump through tank washing machine for approximately 5 hours at a temperature of between 40 ~ 45 °C. The solution can be transferred to another tank for washing. The treated tank had to be cleaned thoroughly with water.

Immersion

Small parts / components may be cleaned by soaking them in a bath of **Cr Degreaser HCF** at a dosage of 5 – 8% of solution in water.

Note: Do not soak electrical / plastic / rubber or concealed parts which cannot be easily washed.

BENEFITS / ADVANTAGES

- **Cr Degreaser HCF** can be used on all material surfaces, including zinc coated and aluminium tank
- A good product to keep on board the ship as it can be used to substitute alkaline cleaner and can be used as a final wash down to remove whitish stain after alkaline cleaning
- This **IMO approved product** is environmentally friendly, highly effective and biodegradable.
- Due to the addition of antifoam agent, **Cr Degreaser HCF** will not produce excessive foam which might create a problem to the ship's crew.



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CARGO LIST

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

- All **mineral oils**, including but not limited to palm oil, linseed oil, coconut oil, corn oil, flaxseed oil, mineral seed oil, peanut oil, cashew oil, sunflower oil and tung oil.
- All **fats** including but not limited to fatty acids, fatty alcohols and animal fats.
- **Lubricant additives** from Exxon, Lubrizol Corporation, Shell and Chevron.
- **Petroleum products and petrochemicals** especially sensitive cargoes like methanol, glycols where the previous cargo contain high amount of chlorides and hydrocarbon, example toluene, xylenes, benzene, etc.
- Effective as a removal of rust stains and contaminants/residue.

APPLICATIONS

Cr Degreaser HCF can be used on iron, steel, epoxy, phenolic, and zinc surfaces. When heated to a temperature of 45 °C, it will reach its optimum effectiveness for oil and grease removal on tank walls and industrial surfaces. When flushed on surfaces containing mineral oil and greases, it forms a milky emulsion and can be easily rinsed away.

HANDLING & PRECAUTIONS

Cr Degreaser HCF should be handled with care. If there is a risk of product splashing into eyes, goggles should be worn.

Advisable to wear gloves and protective clothing when dispensing the solution.