



Product Information

CR Degreaser D

USAGE/DESCRIPTION

CR Degreaser D is a **tank cleaning additive** formulated with acid and detergent to remove / rust stain from steel surface during cargo tank cleaning. Also known as a metal brightener **CR Degreaser D** is also used for treatment of metal surfaces before painting. CR Degreaser D can be used for electro polishing, cleaning rust, proofing and priming metal and also as a fireside cleaner / metal cleaner in boiler rooms, kitchens and oven.

COMPARABLE MARKET PRODUCTS

Other product currently in the market comparable to CR Degreaser D including Vecom's rust removal, Marine Careclean rust inhibitor, Unitor's metal brite, Unitor's metal brite HD, Unitor's product D, Drew rust stain removal, Nalfleet rust removal, Navadan 873.

TYPICAL SPECIFICATIONS:

Specific Gravity at 20°C:	1.40
PH – concentrated:	0 - 1
PH – concentration 8%:	1
PH – concentration 3%:	1.5
PH – concentration 1%:	2
Flash Point:	Non-flammable
Appearance:	Colorless
Characteristic:	Slightly viscous liquid



Product Information

PRODUCT NAME: CR DEGREASER D

DIRECTIONS FOR USE & DOSAGE INSTRUCTION

Spraying Method

Never use this product neat. In areas of stains and hardened deposit **CR Degreaser D** may be diluted in the ratio of 5%. **CR Degreaser D** with 95% water and applied directly using a high pressure sprayer. It is recommended that the entire stain surface be wet with **Cr Degreaser D** 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 D may be diluted in water to make a degreaser-water solution with **0.2% - 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 40⁰C – 45⁰C. *For more effective cleaning, the temperature may be raised to **65⁰C to 85⁰C**. 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 10⁰C 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 D** at a dosage of 3-8% degreaser-to-water solution.

Note:

CR Degreaser D contains acid and a plastic bucket must always be used instead of metal container.

Always add acid to water and never add water to acid.



Product Information

PRODUCT NAME: CR DEGREASER D

BENEFITS / ADVANTAGES

- 1) This product is a powerful and concentrated compound that work rapidly and it is easy to apply. Thus saving time and manpower.
- 2) Safe on most common metal / paint effective acid activators and surfactant ensure a clean and bright metal surfactable cleaning.

CARGO LIST

Remove severely soiled Carbon, grease and oil stain. From tank containing grease, grease plashing, grease pigskin, latex synthetic, linseed oil, molasses, palm acid oil, palm oil crude. Tallow, tall oil, cottonseed oil steering, dry cargo containing carbon, charcoal, cement lime and grains. Rusted and metal corroded tank before painting. Flushing of cargo lines and tanks. Final wash down after cleaning by caustic base alkaline cleaner to remove whitish stains. Remove rust stains from enamel painted surface and porcelain and ceramics. **CR Degreaser D** can also be used as a Metal brightener for metal surface before painting.



Product Information

PRODUCT NAME: CR DEGREASER D

APPLICATIONS

1. Use 1 part of CR Degreaser D to 5 parts of water to remove discolourisation and scales from metal surfaces.
2. For tank cleaning, dilute 5% of solution into 95% of water. Circulate the blended solution for approximately 2 hours. Solution can be transferred to another tank for washing but the treated tank had to be cleaned thoroughly with water.
3. For fire side, oven, boiler rooms, kitchen and oven cleaning, use 1 part of Fireside Cleaner/Rustilo Metal Cleaner to 4 parts of water to remove discolourisation from stubborn stains or 1 part of fireside cleaner to 25 parts of water for optimum effectiveness on cleaning general areas.

HANDLING & PRECAUTIONS

This is an acid based product and protective clothing and goggles must be worn when working with this product, used only stainless steel or plastic bucket.

Avoid prolong contact with skin.

Allow proper ventilation and keep product away from naked flame. If liquid gets into eyes, flush with copious amount of water and seek medical treatment immediately.

Revision No. 3

Date: 07 Feb 2015