

C-Clean Eco

Heavy duty industrial cleaner produced from natural raw materials.

- More effective than solvent cleaners
- Non-toxic and environmentally safe
- Safe to use because of its high flashpoint
- Biodegradable

Introduction

C-CLEAN ECO is an extremely powerful cleaner, specially designed to remove oil, grease, black tar, distillation residues and several synthetic resins. It is much more effective than alkaline cleaners. In most cases C-CLEAN ECO can replace conventional cleaning solvents such as petroleum and white spirit. As emulsion in water C-CLEAN ECO is much more effective than most undiluted solvents. Especially suitable to be used in circulation systems.

Waste containing C-CLEAN ECO easily phase separates in a conventional gravitation oil/water separator. A 90 % reduction on product consumption and a significant reduction on waste costs can easily be achieved by using C-CLEAN ECO instead of solvent cleaners.

C-CLEAN ECO is produced from natural raw materials, is environmentally safe and biodegradable. Because of its low toxicity and high flash point C-CLEAN ECO is safe to use.

Application

C-CLEAN ECO is designed for the removal of:

- Mineral oil
- Heavy fuel oil
- Dopes, additives and lubricants
- Asphalt
- Distillation residues
- Black tar
- Several synthetic resins (including epoxy)
- Styrene butadiene rubber

Directions for use

Circulation

To remove heavy contamination such as asphalt, distillation residues, black tar, resins and rubbers, use a 10 - 25 % emulsion of C-CLEAN ECO® and circulate at 50 - 70 °C. Cleaning time depends on the amount and nature of the contamination. After cleaning, drain the system and rinse with water.

For normal contamination (Heavy Fuel Oil, grease, dopes, additives and other lubricants, use a 2 - 5 % emulsion of C-CLEAN ECO® in water. Cleaning time and temperature is dependent on the nature of the contamination. After cleaning, drain system and rinse with water.

Tank cleaning

For removal of lubricants, additives and dopes from tank containers, tank trucks etc. with a Butterworth washing system, use 0.2 - 0.5 % C-CLEAN ECO® at 50 - 70 °C. Cleaning time is dependent on the nature of the contamination. After cleaning, drain system and rinse with water.

WARNING:

Prior to use, one should be sure that equipment like hoses, pumps and gaskets are resistant to C-CLEAN ECO®. Suitable material is PE, PP, PTFE and for short term use butyl rubber.

Also, paint and lacquers can be damaged due to the high solvency power.

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Properties

Contains powerful solvents. Plastics, lacquers and paints should be tested for resistance.

Colour	: blue-green
Odour	: citrus
Specific Gravity (20 °C)	: 0.96
Flash point (10 %)	: > 100 °C
pH (10 %)	: 10
COD	: 2.118 g O ₂ / g

Water phase after separation of a 5 % emulsion

COD	: 0.026 g O ₂ / g
BOD	: 0.019 g O ₂ / g

Water phase after separation of a 3 % emulsion

N _{kj}	: 1.30 g N ₂ / g
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Nature of special risks and safety advice

See our Material Safety Data Sheet.

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