



# GREENCARE ACF

**Waterbased degreaser for cleaning of aircoolers and removing carbonized residues from filters and fuel heaters**

## DESCRIPTION

Greencare ACF is part of Marine Care's green line introduced into the maritime industry to invest in greener and cleaner seas. Greencare ACF is a non solvent, water soluble, non-butyl, biodegradable, non-flammable & non toxic safe cleaner especially developed for breaking down residual combustion products and by-products from distillation of mineral oils. Suitable for cleaning burner tips, lube/ fuel oil filters, air coolers, fuel injectors and machine parts. Greencare ACF comes with a triple zero HMIS score making it safe for personnel, safe for the environment, safe for your equipment, non corrosive on most common metals and safe to store anywhere.

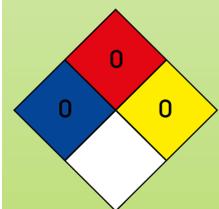
## ADVANTAGE

Greencare ACF contains no solvents, is: non caustic, non corrosive, not regulated and readily biodegradable per OECD 301D. Any aircooler cleaning, filter cleaning and heavy carbon removing, that once required the use of dangerous caustics or solvents, can now be done in a safe and green manner. This means Greencare ACF is extremely safe for the crew. They no longer have to be exposed to hazardous cleaning chemicals.

## APPLICATION

Greencare ACF can be used by means of spraying, soaking or circulation. When using the spraying method, spray the solution on the parts to be cleaned. Depending on the contamination let it soak for 5 – 15 minutes, then spray with water or wipe with cloth.

- Solvent free
- Non toxic
- Non caustic
- 100% biodegradable
- Not regulated for storage & transport
- Approved by:
  - > U.S. EPA
  - > Marinfloc
  - > OCNS
  - > HOCNF



discover the difference

gogreen®



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## APPLICATION

Burner tips, oil filters, injectors and machine parts can be cleaned effectively by soaking the parts in a solution of Greencare ACF. For light contamination the soaking time is approx. 15 minutes. For heavy fouling can be soaked for several hours, even overnight. When cleaned, simply wash off the cleaned parts. Cleaning can be done at ambient temperature.

Cleaning of heavy oil heaters, heat exchangers, oilcoolers and equipment that cannot be dismantled for cleaning in a bath, can effectively be cleaned by circulation. Greencare ACF should be pumped through the equipment for 4 - 8 hours depending on the degree of fouling. Remove excessive deposits by blowing compressed air or steam through the system prior to circulation.

Cleaning of aircoolers with Greencare ACF can be done in situ or in an immersion bath. The aircooler is, depending on the design, either flooded with product or submerged in a bath. For better cleaning results insert an air hose in the solution to create agitation.

Allow the cooler to soak for 2 - 4 hours. Heating is not required but will assist the cleaning. After the cleaning period drain the solution, flush well with water and dry the cooler by compressed air.

## DIRECTIONS FOR USE

Greencare ACF can be used neat or diluted on:

- ferro and non-ferro metals, please carry out cleaning tests upfront on aluminium and zinc.

## DILUTIONS

For maintenance cleaning	25 % solution in water
For severe build up	50 % solution in water to pure

## PROPERTIES

Article number	14801
pH	< 12,8
Density	1,12 g/cm <sup>3</sup>
Flashpoint	None
Physical state	Liquid

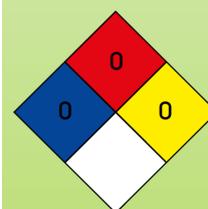
## APPROVALS

- U.S. EPA approved
- Marinfloc approved OWS Compatible
- OCNS registered, 25428, for Offshore applications
- HOCNF approved, CEFAS/NEMS registered, 11098

For detailed information on safety and health, please refer to the Material Safety Data Sheet MSDS and/or product label.

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This information is based on data that we believe to be accurate and reliable and is intended to be used by persons having the knowledge and skill to apply this product properly. We assume no responsibility for results or damages incurred from their use by the Buyer. No liability (including liability for negligence) will attach to Marine Care or its servants or agents arising out of or in connection with or in relation to this product information.

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