

No.:551019



BRAINCHEM NEUTRAL HCF

Hydrocarbon Free
tank cleaning
compound

- Eco-friendly
- Biodegradable
- non-toxic

Hydrocarbon free Biodegreaser cleaner

DESCRIPTION

Brainchem Neutral HCF is a biodegreaser neutral cleaner to remove vegetable and animal oils and fats from zinc-silicate coated tanks. Brainchem Neutral HCF removes remaining hydrocarbons from any tank surface after carrying light to moderate cargoes or after cleaning with Brainchem Seaclean or Brainchem Tankclean ECO. Brainchem Neutral HCF is special formula to remove Hydrocarbon ion to meeting WWT test.

ADVANTAGE

- Hydro Carbon Free cleaner
- Cleaning of vegetable and animal oils from zinc coated tanks
- Suitable in stainless steel tanks and epoxy coated tanks

APPLICATIONS

Tank Cleaning Before cleaning with Brainchem Neutral HCF it is recommended to prewash the tanks with hot water. For drying or semi-drying oils a prewash with cold water should be carried out immediately after discharge of cargo to prevent hardening of oil residues. After 1 cycle, slowly start to increase water temperature to increase effectiveness of the prewash.

Recirculation Method

Recirculation is highly effective and widely used. In this method a chemical solution is pumped via a closed loop through a mechanical tank washing machine. The chemical solution is normally prepared in the tank to be cleaned or in the slop tank. Heat is achieved by the use of a heat exchanger, steam coils or live steam injection. The advantages of this method are the recovery and re-use of the heat and chemicals to clean additional tanks.

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Brainchem Neutral HCF Dilution rate 0.5-3% into the washing system. Maintain cleaning temperatures between 20-60°C. Cleaning time 2 - 6 hours, followed by thorough rinsing with hot fresh water.

Direct Injection

Inject 0,5 - 1 % **Brainchem Neutral HCF** into the washing system. Maintain cleaning temperatures between 20 - 60 °C (depending on the type of cargo). Cleaning time is 2 - 6 hours, followed by thorough rinsing with fresh hot water or D.I. water. Spray Method Spray the tank surfaces with undiluted Brain Chem HCF and let the product act for at least 30 min. Then rinse all tank surfaces with hot water for 1or 2 cycles (approx. 30 - 45 min.) or as long as needed to remove the cleaning detergent.

DOSAGE

Recirculation	0.5 - 3%
Direct injection	0.5 - 1 %
Spraying	Undiluted

PROPERTIES

Article number:	551019
Density	1,03 g/cm ³
Flashpoint	None
Physical state	Liquid

TECHNICAL INFORMATION

Brain chem Neutral HCF is compatible with most tank-coatings. To be sure measure the pH of the coating or revert to BRAIN CHEM INT PTE LTD for further technical information. We recommend users to refer to MARPOL Annex II for use of cleaning agents or additives (see latest edition MEPC.2 circular issued annually in December). Additional reference can refer to the IMO publication: IMO/UNEP Guidelines on Brain Chem HCF Application and Environmental Consideration. This book gives more information on the application of dispersants. We would also wish to point out that the use of dispersants in many countries is governed by the local authorities or Coast Guards and permission to use the product must be thought.