

No.:551021



BRAINCHEM SC

Hydrocarbon Free
tank cleaning
compound

- Eco-friendly
- Biodegradable
- non-toxic
- Wide range of applications
- Suitable on all common metals & coatings

Tank Cleaner Remove Animal, Mineral & Vegetable oil

DESCRIPTION

Brain Chem SC is a highly concentrated, biodegradable, non-caustic, water based cleaning agent, used for tank cleaning and removing IG Soot, Vegetable Oil, Fatty Oil and other IMO Annex II contact goods.

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
- General cleaning and degreasing
- Surface preparation cleaning

Tank Cleaning

Before cleaning with Brain Chem SC it is recommended to prewash with hot water. For drying or semi-drying oils a prewash with ambient water should be carried out immediately after discharge of cargo to retard oxidation and hardening of oil residues. After 1 cycle, slowly start to increase the 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 recovery and re-use of the heat and chemicals to clean additional tanks.

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Depending on the degree of contamination Brain Chem SC is circulated as a 0.5—3 % solution for a period of 2 - 4 hours at 50 - 65 °C. After circulation rinse thoroughly with (fresh) water. One solution is commonly used to wash 2 - 3 tank.

Brainchem SC 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 Method

Inject 0.5 - 3 % of Brain Chem SC directly into the tank washing system. The recommended cleaning temperature is 50 - 65 °C. When completed rinse thoroughly with water.

Spray Method

Spray the tank surfaces with a 0.5-3 % solution of Brain Chem SC and let the product act for 1 - 15 min. before spraying with a high pressure water jet. The efficiency of this product can be increased by using water of 50 - 65 °C. For very heavy contaminations a 25 % solution should be used. Leave the product to act for 10 to 60 minutes before spraying with a high pressure water jet.

DOSAG

Spraying	2 - 25 % in freshwater
General Cleaning	2 - 10 % in freshwater
Tank Cleaning	0.5 -3 % in freshwater

PROPERTIES

Article number	551021
pH Concentrate	12.0
Density	1.08 g/cm ³
Flashpoint	Not applicable
Physical state	Liquid

TECHNICAL INFORMATION

BRAINCHEM SC 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.

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