

No.: 551017



## BRAIN CHEM AQUACLEAN LOW FOAM



- Strong alkaline liquid degreasing agent for removal of vegetable oil, fish and animal oils and fats from epoxy / polyurethane coated or stainless steel tanks.
- Provides economic removal of vegetable and animal oils.
- Can be used on most common metals except aluminum, tin, zinc and galvanized metals.
- Safe to use on epoxy and polyurethane coatings.
- Deodorizes certain residues

### DESCRIPTION

BRAIN CHEM AQUACLEAN LOW FOAM is a non caustic alkaline cleaner which is applicable at lower temperatures (20 - 60 °C). BRAIN CHEM AQUACLEAN LOW FOAM is suited to remove vegetable and animal oils and fats, even hardened or carbonized.

### ADVANTAGE

BRAIN CHEM QUACLEAN LOW FOAM provides economic removal by saponification and emulsification, at low cleaning temperatures (20 - 60 °C), of:

- vegetable, fish, animal oils and fats
- FAME, palm oils, palm fatty acids

### APPLICATIONS

#### Tank Cleaning

Before cleaning with BRAIN CHEM QUACLEAN LOW FOAM it is recommended to prewash 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 against 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

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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 of the heat and chemicals to clean additional tanks.

BRAIN CHEM QUACLEAN LOW FOAM is circulated as a 0.5-3 % solution at 20 - 60 °C for a period of 2 - 6 hours. After circulation rinse thoroughly with water. Depending on the degree of contamination one solution can be used to wash 1 - 3 tanks.

#### DOSAGE

Direct Injection	1 - 5 %
TANK CLEAN	
Recirculation	0.5-3 %
Immersion Bath	10 %
General Cleaning	1 - 10 %
Hold Cleaning	10 - 30 %

#### PROPERTIES

Article number :	551017
pH	>13
Density	1,09 g/cm <sup>3</sup>
Flashpoint	None
	Physical state Liquid

#### TECHNICAL INFORMATION

BRAIN CHEM QUACLEAN LOW FOAM 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 ALKACLEAN HD 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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