

No.:551043



## BRAINCHEM SEACLEAN

**STRONG EMULSIFYING TANK CLEANER FOR REMOVING HEAVING VEG OIL & CARBON BLACK**

### APPLICATIONS

BRAINCHEM SEACLEAN can be excellent oil and grease dissolve and degreaser, use to removal of vegetable oil, animal oil, fats and light mineral oils in aluminium and zinc silicate coated tanks. It is also being used as an after-treatment agent in hydrocarbon free cleaning operations where cleaning has been carried out with BRAINCHEM TANKCLEAN HCF.

### DIRECTIONS FOR USE

#### TANK CLEANING

It is recommended to pre-wash the tanks with hot water at 50°C. For drying and semi-drying oils a pre-wash with cold water should be carried out immediately after discharge of cargo to retard oxidation and hardening of oils residues.

#### RE-CIRCULATION METHOD

BRAINCHEM SEACLEAN is circulated in a 0.5%-3% solution for a period of 2 to 6 hours. The temperature of the cleaning solution should be between 20 to 60°C. After circulation period rinse thoroughly with fresh water. Also chemical solution is prepared in an empty clean slop tank or one of the after tanks near the pump room. The solution is circulated via the automatic tank washing system pump and heater to the tank to be cleaned. The solution is returned to the solution tank via the stripping line. Usually it is not possible to re-circulate the solution through the tank washing system heater (to maintain solution temperature during cleaning) without making a temporary connection between the solution tank and the tank washing pump. Capacities of solution tank, pipeline, connecting hoses, pumps...etc, should be calculated carefully to ensure sufficient solution is available to maintain continuous re-circulation. Depending on the size and condition of the tanks to be cleaned and the quantity of solution, normally 3 tanks can be cleaned with one solution. After which, a fresh solution should be made and heated before cleaning can continue.

Tank clean for IMO Annex II carry out goods

Excellent Hydrocarbon Ion dissolve and degrease

Rapidly emulsifies in fresh or salt water

Rapid rinsing leaving clean oil free surface

Concentrated product effective and economical in diluted solution

Simple and effective tank cleaning

Low toxicity when mixed with sea or fresh water

#### BRAIN CHEM INT PTE LTD

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## SPRAY METHOD

Spray all the hot tank surfaces with undiluted BRAINCHEM SEACLEAN and let the product react for at least 30 min. Then rinse all tank surfaces with water at max. temperature 60°C for 45 minutes.

## HYDROCARBON FREE CLEANING

After cleaning and rising with hot fresh water at a max temperature of 60°C, hand-spray a 15% Seaclean voyager water onto the hot tank surfaces and let it react for 30 minutes. Rinse thoroughly with hot, chloride free, water. If only fresh water is used, steam tank to remove any chlorides, which may cause delay in passing the chloride test for loading ethanol etc.

## DOSAGE

|                  |             |
|------------------|-------------|
| Direct Injection | 0,1 - 0,2 % |
| Recirculation    | 0.5-3 %     |
| Hand spraying    | undiluted   |

## PROPERTIES

|                |                |
|----------------|----------------|
| Article number | 551042         |
| pH             | 8              |
| Density        | 0. 90 g/cm3    |
| Flashpoint     | Not applicable |
| Physical state | Liquid         |

## TECHNICAL INFORMATION

BRAIN CHEM SEACLEAN 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 SEACLEAN 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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