

tank cleaning

PRODUCT DATA SHEET EAZY TANKWASH

Product Code: 2461
Packaging: 25L

Product Group: Tank Cleaning
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PRODUCT DESCRIPTION

eazy Tankwash is a powerful cleaning agent used for cleaning petroleum residues and mineral oils by direct injection, machine cleaning and spraying or the eazy Tankwash method.

In accordance with the requirements of Annex 12 of IMO MEPC.2/Circ.11 (17 Dec 2005), eazy Tankwash is approved as a tank cleaning additive.

APPLICATION & USE

Product is formulated for cleaning double bottom, deep and wing tanks etc. used for fuel oils.

DIRECTIONS FOR USE

The following methods of cleaning are for guidance purposes only and are not intended to substitute the judgment of the ship's staff.

eazy Tankwash Method

This method, used traditionally whilst the vessel is at sea, can be used to clean and gas free double bottom tanks.

1. The tanks should be heated by means of the steam coils to normal operating temperature and then stripped of fuel. It may be necessary to trim the vessel to ensure as much fuel as possible is removed.
2. All manifold valves should be closed and secured.
3. The first dose of product should be dosed (see dosage graph below) and the tank filled to 25% of its capacity with seawater.
4. The solution should be heated to 50 to 60° C and this condition should be maintained for at least 48 hours.
5. After 48 hours strip the tanks and then refill to 75% capacity and add the second dosage of product, continue heating and maintain for a further 48 hours.
6. Strip the contents of the tanks and pressure rinse with clean water through the sounding pipes.

Gas Freeing

7. In order to gas free the tanks add seawater through the sounding vent or sounding pipes and press up the tanks.
8. Stop water supply and completely strip the tanks, trimming vessel to ensure that all the water has been removed.

Re-circulation Method

A solution of product and seawater is prepared in the cargo or slop tanks and circulated by the automatic tank washing system pump to the tank to be cleaned.

This solution is returned to the mixing tank through the stripping line. The required solution strength is 2 to 6% of product.

After cleaning the tanks should be cleaned and rinsed with seawater.

Direct Injection Method for Cargo Tanks

Product should be injected undiluted at rate of 0.1 to 0.2 liters per 100 litres of tank wash water into the pressure side of the automatic tank cleaning system.

This solution should be injected by means of an air operated drum pump.

The cleaning process should take in the region of 3 to 6 hours.

The system should then be rinsed with fresh water.

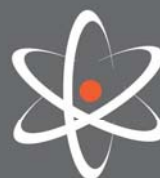
Hand Spraying Method

This method, whilst economical, is dependent upon the tanks being gas free to enable ship's staff to enter.

An air operated drum pump and hand spray equipment should be used and the quantity of product required will be determined by the prevailing conditions.

After spraying and allowing sufficient reaction time, the tanks should be rinsed with water.

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DIRECTIONS FOR USE cont'd

Dosage Table

Tank Capacity (Tonnes)	Dosage of eazy Tankwash	
	Normal	High
10	16	24
15	24	36
20	32	48
25	40	60
30	48	72
40	64	96
50	80	120
70	110	160
80	140	190
100	160	240
200	320	480
300	480	720
400	640	960
500	800	1200
1000	1600	2400

HEALTH & SAFETY

Please refer to the Material Safety Data Sheet and Product Label for specific information.

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