

MUD AND SILT DISPERSANT

Mud and Silt Conditioner for Ballast Tanks

Technical Information

Physical Data

Appearance:	Colorless viscous liquid
Specific gravity @20°C:	1.0
pH of neat product:	9.6
Corrosive action:	None

Description

This is a liquid organic polyelectrolyte that serves to prevent the formation of hard-packed layers of mud and sediment in ballast tanks. Instead, it promotes the creation of a loose deposit that can be easily removed. By reducing unwanted mud and silt in tanks, it enhances cargo payload, eliminates the considerable manual labor required to remove deposits, and proves to be highly economical, as it is effective at low concentrations. Furthermore, it is non-pollutant, non-corrosive, and safe to use due to its non-toxic nature.

Application

The loading of ballast water often results in the deposition of mud, silt, and sediment in the ballast tanks, due to the presence of excessive amounts of these materials in the waters where ballast is lifted. If not addressed regularly, it can lead to the accumulation of "permanent ballast," causing issues during tank emptying. MUD AND SILT DISPERSANT can help alleviate this situation by preventing this buildup, resulting in the more efficient operation of the vessel.

Direction for Use

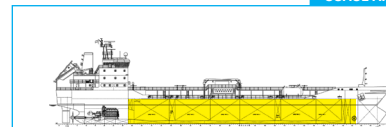
Maintenance Treatment

1. Apply MUD AND SILT DISPERSANT directly to the tank before each ballasting operation.
2. Dose MUD AND SILT DISPERSANT in concentrations of 0.5 liters per 10 tonnes of ballast water. The dosage depends on the severity of contamination in the area where ballast water is loaded.

Mud Lifting Treatment

1. For existing accumulations of mud and silt in tanks, apply the maximum dosage of 1 liter of the product per 10 tonnes of tank capacity.
2. Fill the tank to 50% capacity with seawater.
3. Allow the ship's rolling motion to agitate the solution and maintain it for 24 hours.
4. Fill the tank to capacity with seawater, pump out the tank.
5. Refill the tank to capacity with seawater.
6. Pump out the tank and inspect.

USAGE AREAS



Water Treatment

PACKAGING



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Safety and Environment (HSE)

Uniservice Unisafe Srl have carefully developed their products to minimize the safety risks and environmental impact of using their products. However, Uniservice advises that, prior to using its products, users should read in detail the accompanying Safety Data Sheet and ensure that its products are applied within the required HSE regulations of the country in which the user operates. Best practice and safety requirements should be followed which will likely include method statements and risk assessments, together with any specific requirements of the user's own company HSE requirements.

Important Notice

While the descriptions, designs, data and information contained herein are presented in good faith and believed to be accurate, this information is provided for your guidance only. Because many factors may affect processing or application/use, we recommend that you do a test to determine the suitability of a product for your particular purpose prior to use. No warranties of any kind, either expressed or implied, including warranties of merchantability or fitness for a particular purpose, are made regarding products described or designs, data or information set forth, or that the products, designs, data or information may be used without infringing the intellectual property rights of others. In no case shall the descriptions, information, data or designs provided be considered a part of our terms and conditions of sale. Further, you expressly understand and agree that the descriptions, designs, data and information furnished by Uniservice Unisafe Srl hereunder are given gratis, and Uniservice Unisafe Srl assumes no obligation or liability for the description, designs, data and information given or results obtained, all such being given and accepted at your risk. Product images are for reference purposes only.

Contact


For further information, please contact your local Uniservice Unisafe sales representative or get in touch with us:


Uniservice Unisafe SRL

Marine Chemicals Division

 Via al S.N.S. della Guardia 58a

Genoa 16162 Italy

 (+39) 010 711 395

 (+39) 010 713 120

 www.uniservicemarine.com