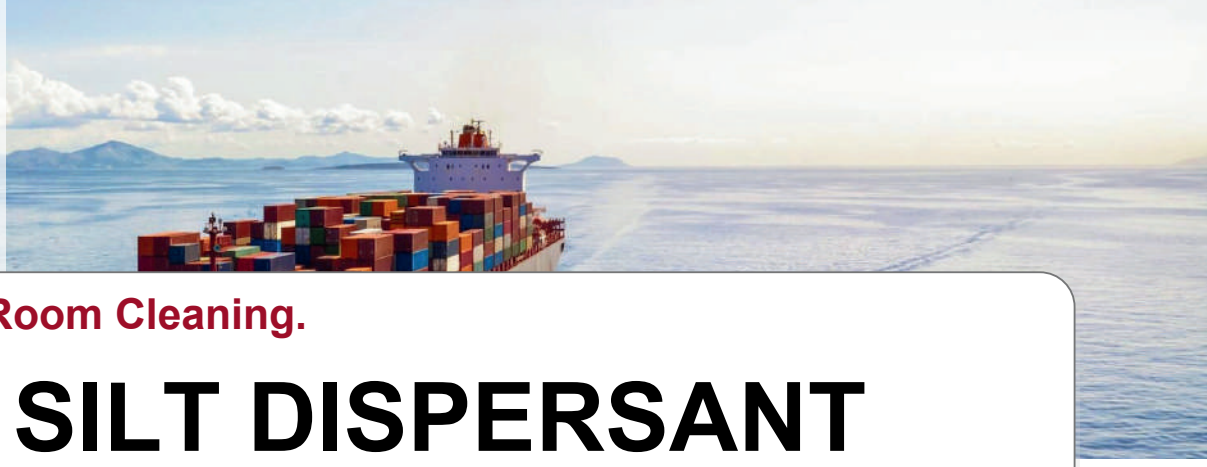


Deck & Engine Room Cleaning.

MUD & SILT DISPERSANT

Advanced Ballast Tank Sediment Conditioner, Dispersant & Deposit Control Agent.

DESCRIPTION & APPLICATIONS:

A high-performance liquid organic polyelectrolyte specially formulated to disperse, suspend and condition mud, silt, sediment and other particulate matter in ballast water systems. By keeping suspended solids in a dispersed state, the product helps minimize deposit accumulation within ballast tanks and promotes more effective discharge during ballast water operations.

During normal ballasting, solids present in seawater, river water and harbour water can settle and form compact layers of sediment that reduce tank capacity, increase maintenance requirements and complicate cleaning operations. MUD & SILT DISPERSANT helps prevent the formation of hard-packed deposits by maintaining particulate matter in suspension and reducing sediment compaction.

Regular use improves ballast tank cleanliness, supports efficient ballast water management and facilitates easier tank cleaning. The product may also be used as a corrective treatment to disperse existing accumulations of mud and silt. In addition, its demulsifying properties make it suitable for selected oil-water separation applications. The biodegradable, non-toxic and non-corrosive formulation provides an economical and environmentally responsible solution for sediment control and ballast tank maintenance.

MUD & SILT DISPERSANT is recommended for ballast water tanks, sediment control programs, prevention of mud and silt accumulation, ballast tank maintenance, cargo vessels and tankers, offshore installations, water storage systems, sediment lifting and cleaning operations, ballast water treatment support, and oil-water separation applications.

SHERAN CHEMICAL (UAE) |SHERAN HELLAS CHEMICAL (Greece)

+971 9 501 3271 | sales@sheran.net, Athens@sheran.net | www.sheran.net
Manufacturing & Sales: Fujairah, UAE | Athens, Greece
Marine and industrial chemicals supplier worldwide.

CERTIFICATIONS & MARINE SUPPLY NETWORKS

ProcureShip PS ID: 14754

SHIPSERV TN-315946

FEATURES & BENEFITS:

- Prevents formation of hard-packed mud and silt deposits.
- Maintains sediment in suspension for easier removal.
- Reduces build-up of ballast tank deposits.
- Improves ballast tank cleanliness and operational efficiency.
- Helps maintain effective ballast tank capacity.
- Reduces the need for manual cleaning and sediment removal.
- Highly effective at low treatment concentrations.
- Biodegradable, non-toxic and non-polluting formulation.
- Non-corrosive to ballast tank systems when used as directed.
- Improves effectiveness of ballast water treatment processes.
- Assists in lifting existing mud and sediment accumulations.
- Easy application during routine ballasting operations.
- Economical treatment for ongoing ballast tank maintenance.
- Can also be used to promote oil-water separation.

APPLICATIONS:

MUD & SILT DISPERSANT is recommended for ballast water tanks, sediment control programs, prevention of mud and silt accumulation, ballast tank maintenance, cargo vessels and tankers, offshore installations, water storage systems, sediment lifting and cleaning operations, ballast water treatment support, and oil-water separation applications.

DIRECTIONS FOR USE:

Maintenance Treatment

For routine prevention of mud and silt accumulation:

1. Add MUD & SILT DISPERSANT directly to the ballast tank before ballasting operations.
2. Dose at 0.5 litre per 10 tonnes of ballast water.
3. Adjust dosage where necessary depending on sediment levels and water quality at the ballast source.

Mud Lifting Treatment

For existing mud and sediment accumulations:

1. Dose 1 litre per 10 tonnes of tank capacity.
2. Fill the tank to approximately 50% capacity with seawater.
3. Allow vessel movement and natural agitation to circulate the solution for approximately 24 hours.
4. Fill tank to capacity and pump out.
5. Refill and discharge again before inspection.

Oil-Water Separation

For demulsification and oil-water separation:

1. Add 1 litre of product per 1,000 litres of oily water.
2. Mix thoroughly and allow the solution to stand for 4-6 hours to achieve phase separation.

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TYPICAL PROPERTIES:

Property	Typical Value
Appearance	Clear to Slightly Hazy Liquid
Colour	Light Amber
Odour	Mild
pH	6.0 - 8.0
Specific Gravity @ 25°C	1.00 - 1.10
Solubility	Completely Miscible in Water
Corrosivity	Non-Corrosive
Biodegradability	Biodegradable

Typical values are provided for guidance only and should not be considered product specifications

STORAGE AND HANDLING:

Store in tightly sealed original containers, keeping them in a cool, dry, and well-ventilated area. Avoid contamination with water or foreign materials, and follow standard industrial chemical handling procedures.

SHELF LIFE:

24 Months from date of manufacture when stored under recommended conditions.

STANDARD PACKING:

- Available in 25 L Steel drums.

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