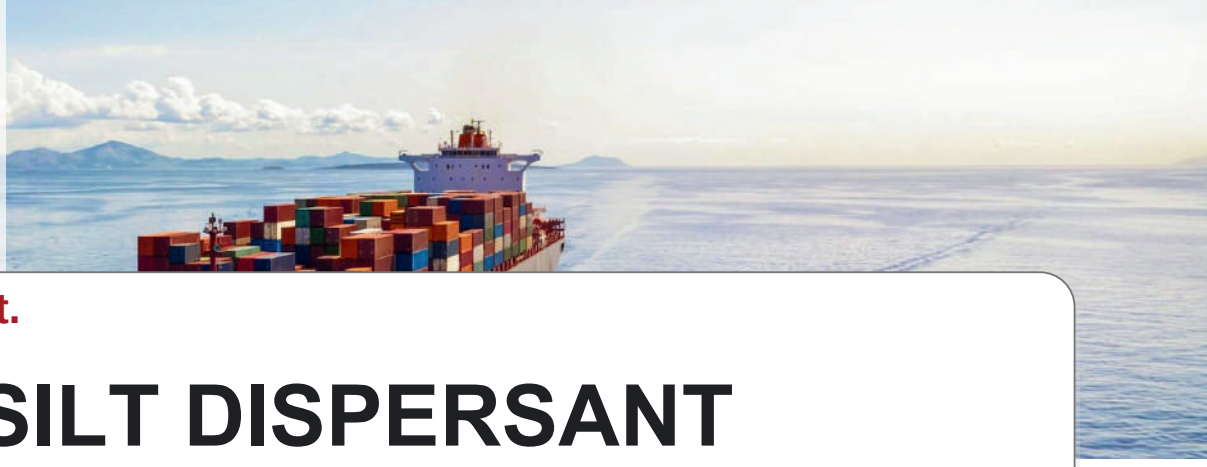


Water Treatment.

MUD & SILT DISPERSANT

Ballast Tank Sediment Conditioner, Dispersant & Deposit Control Agent.

DESCRIPTION & APPLICATIONS:

MUD & SILT DISPERSANT is 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.

FEATURES & BENEFITS:

- Reduces red water and water discoloration problems
- Controls corrosion in pipelines and storage systems
- Helps reduce iron and rust deposits
- Improves water clarity and appearance
- Protects distribution infrastructure and equipment
- Extends pipeline and equipment service life
- Assists in maintaining water quality standards
- Effective at low treatment rates
- Completely soluble in water
- Suitable for continuous dosing applications

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Manufacturing & Sales: Fujairah, UAE | Athens, Greece

Marine and industrial chemicals supplier worldwide.

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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

COMPATABILITY:

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:

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

Oil-Water Separation

For demulsification and oil-water separation:

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

SHELF LIFE:

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

STORAGE & HANDLING:

Store in tightly sealed original containers in a cool, dry, and well-ventilated area away from direct sunlight.

STANDARD PACKAGING:

• 25 L HDPE Cans

• 200 L HDPE Drums

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