



HONEST SOLUTIONS. HONEST EQUIPMENT.

PRODUCT DATA

Advantages

- Increases cargo carrying capacity
- Aids removal of existing sediment deposits
- Lowers corrosion rates
- Helps reduce spread of invasive species that live in ballast tank sediments
- Easier tank inspections by regulatory agencies
- Reduces fuel costs
- Enhances tank coating performance

Features

- Proven cost-effective
- Ready-to-use
- Concentrated formula
- Usage rate as low as 5 ppm
- Safe, aqueous product
- Application information and on-board service provided

Proven Applications

- Ballast Tanks
- Double Bottom Tanks
- Floating Drydocks
- Manual Tank Cleaning
- Cooling Water Systems

Hyde Mud Remover



Hyde Mud Remover is a liquid cationic polymer of high molecular weight, specifically designed to treat, condition and prevent the deposit of mud and sediment commonly found in ship's ballast tanks. **Hyde Mud Remover** uses the chemical principle of flocculation to attract mud particles into "flocs" (small fluffy particles). As a result, the "stickiness" of the mud is reduced, preventing it from packing down and allowing for easy flushing by the water flow during deballasting.

"Helps meet the new IMO International Convention for the Control and Management of Ships' Ballast Water and Sediment, 2004."

Hyde Mud Remover

“Hyde has nearly 50 years of mud remover application experience with continuous product improvement.”

PRODUCT DATA CONTINUED

Dosing Hyde Mud Remover

Hyde Mud Remover may be fed full strength, or diluted with clean water, depending upon the application. Hyde Mud Remover works best when injected into ballast piping or the ballast pump discharge during ballasting.

Hyde Marine offers either automatic or semi-automatic injection systems. Each system consists of a 50 or 100 gallon supply tank, with high pressure injection pumps connected to a Hyde Marine controller. Special 316 SS injection nozzles are also supplied to assist in dispersing and mixing the chemical in the ballast pipes.

Installation of these systems is straightforward. All that is required is to bolt or weld the tank in place, run tubing from the injection point, and provide shipboard power to the controller.

Operation of these units is also easy. Standard systems need only to be turned on when the ballasting procedure begins, and off when the ballasting is finished.

Automatic systems are designed to turn themselves on and off as needed, and require no operator assistance, except to check the holding tank level.

Applications such as tank cleaning, drydocks and once-through cooling systems may require other types of injection systems. Contact your Hyde Marine representative for further information on these or any specialized application.

Services

In order to assist you in identifying a sediment-related problem, and to determine the cost-effectiveness of the Hyde Mud Remover, we have developed a software program which will accurately predict savings per trip and savings per year.

Hyde Marine has factory-trained service engineers who will work closely with you during every phase of the treatment program. They will perform preliminary tank surveys and recommend the most effective application and maintenance program for your needs.

Our engineers are also available for equipment installation and can offer follow-up service. They supervise special tank cleaning operations. Regular customer contact is always an important part of the Hyde Marine program.

Handling

Hyde Mud Remover is considered nonhazardous and nontoxic, but as is normal when handling any chemical, care should be exercised to prevent eye or skin contact. Should contact occur, wash affected areas with water. Standard protective equipment is recommended.



Typical Properties

Appearance:	Hazy, water-white liquid
Odor:	Distinctive/Lemon
pH:	9.0 to 10.5
Specific Gravity:	0.995
Viscosity:	(Brookfield LV2) @ 30 rpm, 2396 SUS @ 100°F
Flash Point:	(PMCC) Greater than 200°F (93°C)
Stable Temp.:	28°F to 130°F (-2°C to 54°C)

Packaging

Container	Shipping Wt.
55 gal. drum	480 lbs.
5 gal. pail	50 lbs.
1 gal. (4 per carton)	34 lbs.

Bulk rates available on request.



Helps eliminate invasive species in ballast tank sediments

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