



# RX MARINE INTERNATIONAL

## Total Solution Total Protection

AN ISO CERTIFIED COMPANY



## Mud & Silt Dispersant

### Part/Order no:

RXSOL-23-2900-25

RXSOL-23-2900-210

### Packing

25 Ltr

210 Ltr

### Mud & Silt Dispersant:

It is a odourless pale yellow POLMERISED viscous liquid for Removal of sediments, silt and mud. Its polymerisation dual effect mechanism help to prevent hard deposition of mud layer on metal surface as well as keeps mud particle in loose condition which causes more labour to clean . APPLICATION : POLYELECTROLYTE conditioner is highly economical , non toxic , non polluting chemical its lower concentration effectiveness with water keeps it in very ECONOMICAL GRADE materials class.

- Proven cost effective.
- Ready-to-use.
- Concentrated formula.
- Very low usage rates as 5 ppm.
- Safe, aqueous product.
- Dosing equipment available.

**COMMON NAME :** MUD & SILT DISPERSANT ( CLEANER ) ,  
Reduces unwanted mud load form tanks.

### Mud & Silt Dispersant:

This conditioner is highly ECONOMICAL ,non toxi ,non polluting chemical its lower concentration effectiveness with water keeps it in very ECONOMICAL GRADE materials class. 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 greatly reduced, preventing it from packing down and allowing for easy flushing by the water flow during deballasting.

### FIELD FOR USE:

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

### BENEFITS:

- Increases cargo carrying capacity.
- Aids in removal of existing mud deposlts.
- Lowers corrosion rates.
- Prevents mud buildup.
- Easier tank inspections by regulatory Agencies.
- Reduces fuel costs.
- Enhances tank coating performance.

Continued use of Sediment Remover prevents the deposition of sediments, mud or silt in ballast tanks, cooling water systems, pipelines etc.. Further, it can be used with mechanical action to dislodge existing mud or silt in ballast tanks. Sediment Remover should be injected in small quantities into ballast or cooling water systems prior to filling the tanks or system. Mud present will not adhere to either itself or to bulkheads, tank structures or inside pipelines. If heavy deposits are present, an increased dosage will remove a portion of the sediment after each application. Thick mud deposits will require several applications.

### **Dose:**

0.002 to 0.005 % ( i.e 200 ml for 10000 Ltrs water ) ,depends on DEPOSITION of MUD.

ONE litre of Sediment Remover per each 10 tonnes of Ballast Water. ONE litre of Sediment Remover per each 10 tonnes of Cooling Water. For the removal of existing accumulations increase the dosage by 2-3 times depending on the ballast time available and the quantity of mud to be removed. Mechanical agitation may be required.

Inject Sediment Remover preferably into the suction line of the ballast or cooling water pump to ensure thorough mixing with the incoming water. If possible, circulate the water through the tanks and the suspended mud and silt will be pumped out when de-ballasting.

### **Note:**

Reduces unwanted mud load form tanks.

RXSOL-23-2900 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.RXSOL-23-2900 uses the chemical principle of flocculation to attract mud particles into 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.

RXSOL-23-2900 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.

#### Physical Properties

Clear to pale yellow liquid

Specific Gravity: 1.06@20'C

pH: 8.5

### **Technical Specifications:**

#### Features & Benefits

A highly effective liquid compound for the removal of sediments, silt and mud from ballast tanks, cooling water systems, pipelines.

Sediment Remover will keep mud in suspension and will clean fouled systems completely provided the appropriate dosage levels and application times are adhered to.

Sediment Remover is a Polymer based product. It does not contain acid, alkali or solvent. Sediment Remover is completely biodegradable and has no hazard indications.