

## ProPure Mud MUD & SILT CONDITIONER

Ballast tanks.

### Description

ProPure Mud is a concentrated liquid solution formulated with high-performance surfactants and corrosion inhibitors, designed to control sludge and silt accumulation in ballast water tanks. It works by binding fine mud and silt particles together to form larger, heavier pieces that settle at the bottom of the tank. These pieces are then efficiently discharged during the deballasting process.

### Directions For Use/Applications & Dosage Rates General Cleaning

#### Treatment Dosage

The recommended treatment dosage of ProPure Mud is 25–50 liters per 1,000 tons of ballast water. For the best result, ProPure Mud should be dosed during the process of ballasting. Do not hesitate to contact with closest Ertek representative to check dosing system availability.

#### Cleaning Dosage

Use 150–250 liters of ProPure Mud per 1,000 tons of ballast water for quick and effective removal of heavy mud and silt. Maintain a water level of 15–30 cm in the tank during treatment. Leave it for 3–5 hours to ensure it penetrates the sludge and enables effective cleaning. High-pressure water jet or fire hoses may help the penetration of mud layers. This process may have to be repeated up several times depending on density of the mud accumulation.

### Ballast Water Treatment

#### Summary

- It is ideal for cleaning sludge, limescale, rust residue, silt and other solid particles in ballast water.
- Effectively cleans water pipelines and pumping equipment in the ballast circuit.
- It can be used on almost all metal surfaces, except galvanized, tinned and aluminum surfaces.
- It prevents wear and cavitation of ballast tank surfaces.

#### A) Organic Properties

##### Appearance

Physical State (20°C) : Liquid  
Color : Clear  
Odor : Sharp

#### B) Physical Properties

pH (concentrated) : 1.0–2.0  
Molecular Weight : –  
Explosion Limit : No  
Flash Point : –  
Density : 1.08–1.18 g/cm<sup>3</sup>  
(15°C)

#### Storage Conditions

Packaging Type : 25–30–210 liters  
sealed, plastic drum or barrel  
Storage Period : 3 years

#### Approvals & Certificates



Product No : SP-KS-026