

## ProTank Dye ER-CLEAN DYE

Removes painted and gasoline cargo residue

### Description

ProTank Dye is used to clean the paint discolorations on the tank surfaces after the discharge of painted gasoline cargoes. These type of chemicals can cause red, green, or yellow stains on surfaces. ProTank Dye ensures that these stains are removed safely.

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

#### Recirculation Method

In a separate tank, prepare a 10% solution using hot seawater at temperatures above 60°C. For heavy stains, consider using a stronger solution with a concentration of up to 20%. The recommended amount of water is between 30 and 50 tons, depending on the size of the vessel and the volume needed for effective recirculation.

Recirculate the solution in three cargo tanks at a temperature of less than 60°C for 30 minutes to 1 hour. Typically, the prepared solution is sufficient for treating three tanks.

After recirculation, perform wall and color tests on the surfaces using the ERTEK Wall Wash Test Kit. Finally, rinse the surfaces with either hot seawater or fresh water, depending on the requirements for the next cargo.

### Tank & Cargo Hold Cleaners

#### Summary

- Very effective for removing paint colour changes/stains from tank surfaces. It protects against water and stains by forming a protective layer on the surface where it is applied.
- Water-based cleaner.
- Effective at temperatures higher than 60°C.
- Does not contain hydrocarbon solvents.
- Safe to use in epoxy-coated and inorganic zinc-coated tanks.
- Since the product decomposes slowly, like sodium hypochlorite solutions, it should be used in a short time after delivery to the ship.
- Naturally biodegradable.
- It is an easy to use and economical product.

#### A) Organic Properties

##### Appearance

Physical State (20°C): Liquid  
Color : Transparent  
Odor : Odorless

#### B) Physical Properties

pH : 8.0-9.0  
Molecular Weight : -  
Flash Point : -  
Density : 1.05-1.15 g/cm<sup>3</sup>  
Solubility : Completely soluble in water.

#### Storage Conditions

Storage : It should be stored at room temperatures.  
Packaging Type : 25-30-200 liters original plastic drums  
Storage Period : 3 years

#### Approvals & Certificates



Product No : SP-KS-305