

## DESCRIPTION

TANKSHINE is a concentrated blend of phosphoric acid, surfactants and co-solvents which provide for strong rust removal and passivation.

TANKSHINE has been approved by the IMO Bulk Liquids and Gases (BLG) Working Group and is listed on the MEPC.2/Circ.20, Annex 10, dated 17 December 2014. Only cleaners listed on the IMO MEPC.2/Circ.15 can be used for tank cleaning onboard ships that are issued an NLS Certificate and can be disposed of at sea when the cargo residue slops are authorized to be disposed at sea.

## APPLICATION & USE

For oxidized rust removal and upgrading of rust-stained epoxy/phenolic tanks, there are two methods to apply TANKSHINE.

1. Add 8 tons of fresh water into the tank to be washed. Then add 210 liters of product. Add acid to water -- DO NOT add water to acid. The solution can then be recirculated with the deep well pump through the tank washing machines, adjusting the position of the machines periodically. Approximately two hours of recirculating is required for normal upgrading. At the completion of washing one tank, the acid solution can be transferred to successive tanks. Immediately after transferring the acid solution, the tank should then be washed down with water.

2. Hand spraying or brush application for the removal of rust stains from painted surfaces: Dilute 1 part TANKSHINE with 10 parts fresh water. Add acid to water -- DO NOT add water to acid. This solution can then be utilized as normal metal brightener product.

## TYPICAL PHYSICAL PROPERTIES

Appearance:	Clear Liquid
Odor:	Odorless
Flash Point (PMCC):	N/A
pH:	2.0 ± 1.0
Density at 20°C:	1.15 ± 0.10 g/cm <sup>3</sup>

**NOTE:** Always wear the appropriate personal protective equipment when using this product.

When mixing solution, always add acid to water. Never add water to acid.

Do not use with zinc coatings

## PACKAGING

TANKSHINE is available 210 lt drums (PCN 110206).

## IMPORTANT INFORMATION

Drew Marine maintains Safety Data Sheets on all of its products. Safety Data Sheets contain health and safety information for your development of appropriate product handling procedures to protect your employees.

Our Safety Data Sheets should be read and understood by all of your supervisory personnel and employees before using Drew Marine products.

## FEATURES

- Concentrated blend of acids and surfactants
- IMO Approved
- Passivates

## BENEFITS

- Quick removal of rust and stains
- Economical
- Solution can be used in successive tanks
- Suitable for disposal at sea when cargo tank residues are authorized to be disposed at sea
- Prevents flash rusting



Contact your Drew Marine representative for more information



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