



Product Data Sheet

Product Name: Phos-Scrub

Description: **Phos-Scrub** is an industrial acidic cleaner. This product is water-based and is comprised of phosphoric acid, surfactants, and solvents. The surfactants and solvents allow the acid to deeply penetrate surfaces such as tank walls and concrete. **Phos-Scrub** is excellent for removing rust, deep stains, color, oils and other residues from tank walls. **Phos-Scrub** is also an excellent passivator. Furthermore, this product removes calcium and lime deposits on most surfaces. Lastly, **Phos-Scrub** has been used to pull PCB residues from tank walls to within allowable limits.

Product Uses & Applications

Tank & Line Cleaning

Concrete Cleaning

Stain Removal (on tank walls and concrete)

Calcium and Lime Remover

Excellent Acidic Degreasing Agent

PCB Remover

Application Instructions

Dilution Rate

Up to 10:1 with water (3:1 Typical)

Set Time

30 minutes to 24 hours

Special Instructions

See below

Special Instructions:

To avoid a reaction, when diluting this product, always add this product to water. Never add water directly to this product!

Hazardous Information

Specific Hazard

Corrosive!

Flash Point (°F)

Above 220

Biodegradability

Moderate

pH

1.5 - 2

Unusual Hazards

None

Other Information

Contains Phosphoric Acid!

Packaging Information

Available Quantities

5,30, 55, and bulk quantities

Packaging Material

Poly

Other Information:

Do not let product freeze.

Case History / Data

Seabrook, Texas Liquid Terminal 2005

A tank cleaning company had already cleaned a tank but was failing the wall test. The wall color was still too high for the tank to allow the next product to be stored. The tank cleaning company tried washing the tank with caustic but still could not get the color down to allowable limits. Vapor Tech was called out and we tested our **Phos-Scrub** on a small section of the tank. It was allowed to soak for 30 minutes and then it was rinsed with water and dried. A wall-wash test was then performed and that area passed. **Phos-Scrub** was then applied the next day and the tank passed the color test two days later after it was rinsed thoroughly.

Houston, Texas Chemical Company 2004

This customer had a build-up of calcium and lime deposits on fin fans and condenser coils. **Phos-Scrub** was sprayed on the fans/coils and allowed to soak for a few minutes. After 15 minutes the fans/coils were sprayed with water. **Phos-Scrub** dissolved the deposits and only one application was needed. The use of **Phos-Scrub** was then instituted in the customers' SOP for regular cleaning and maintenance of the fans and coils. The **Phos-Scrub** residues were pH balanced with sodium bicarbonate and then sent to their small WWTP.

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