

# Technical Data Sheet



## DESCRIPTION

Ultimate Biodegradable and made with domestically sourced renewable plant based materials. The Storage Tank Cleaner is a concentrate designed for breaking down and removing hydrocarbons, Asphaltenes and waxes from tanks used to store crude or distillates from the field to the refinery. It is designed to make the difficult work of cleaning oil field storage tanks easier while increasing worker safety. Produced and manufactured through a proprietary process that forms incredibly small particles called micelles that are approximately one to four nanometers in size, these particles create an extremely high surface area to volume ratio in the product, enabling the micelles to penetrate and emulsify the hydrocarbon molecules. The Storage Tank Cleaner leaves behind an invisible polymer residue that aids in preventing re-adherence of contaminants to the tank, so that cleaning with this product becomes easier with each use.

## DIRECTIONS FOR USE

Pre-dilute product as per instructions (recommended 1:80) and then apply with a pressure washer, sprayer, steam or pump. Thoroughly and completely wet the tank, allowing the product to dwell. Pump out effluent and then pressure wash to rinse. This product is free rinsing in both fresh and salt water.

## PRODUCT SPECIFICATIONS

<b>Physical State:</b>	Liquid
<b>Color:</b>	Amber
<b>Odor:</b>	Mild
<b>pH:</b>	8.4 - 8.9
<b>Base:</b>	Plant Extracts
<b>Persistence and Degradability:</b>	Readily Biodegradable

The active ingredients behind all the cleaners, solvents and lubricants are combinations of various readily biodegradable plants and naturally occurring minerals. The proprietary renewable chemical/mechanical process creates a truly unique product that is safe for human use and for the environment. It is effective and versatile.

All active ingredient formulas are effective as a result of the creation of electrically charged particles known as micelle. When activated in water, micelles repel each other in a ceaseless random movement. Measuring only 2 – 4 nanometers in size, their extreme surface-area-to-volume ratio enables far greater efficacy than conventional technologies or formulas. Micelle do not produce a chemical reaction that generates new compounds when introduced into another material or the environment, instead they break down carbon based molecules into smaller molecules and/or atoms that can be easily assimilated and metabolized by normal soil or water microorganisms.

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