

Spray Chem

Chemical Company

705 Keenan Court, Durham CA 95938

SAFE T DOSE 45

**PORTABLE CHEMICAL DISPENSING SYSTEM
SAFELY DOSES PAA WITHOUT WORKER
EXPOSURE**

**REDUCE YOUR WORKERS EXPOSURE TO
CONCENTRATED PERACETIC ACID SANITIZER**

THE NEW SAFE WAY

It is becoming more common to sanitize winery tanks and equipment these days with peracetic acid. Although it is considered one of the best and most environmentally sound sanitizers available, it has one big drawback. It is a 5.1 oxidizer that can quickly cause injury to workers that are exposed to the concentrated product.

The worker usually suits up with chemical resistant protective clothing and manually fills a container with the required amount to be used. The container is then carried to the tank to be sanitized where it is poured through an open manhole into a volume of water that has been added to the tank to dilute the sanitizer to the proper use level.

The hatch is then closed and the solution is re-circulated through the tank spray system to expose the sanitizer to the tanks internal surfaces. This process is slow and dangerous. It is very easy to trip over hoses or slip on wet floors in a tank farm, spilling the contents of the container as it is being carried.



With the **SAFE T DOSE 45** this is eliminated. The worker simply rolls the cart to the location of the tank to be sanitized, hooks up the Tri Clover water line typically used to fill the tank, and opens the flow valve.

As the water flows into the tank the peracetic acid sanitizer is drawn automatically from the chemical concentrate drum and diluted to the exact ratio selected as the discharge fills the tank to the desired level at a rate of up to 45 GPM.



Once the operator has added the required amount of water to the tank a simple flip of the pump valve turns off the pump and rinses the line with potable water

Next you disconnect the discharge line from the **SAFE T DOSE 45** cart and connect it to your CIP pump and your ready to go!



Available with a Safe-T-Feed adapter to minimize exposure and prevent spills.

Our proprietary dispensing system with its built in safety feed allows the worker to change out the empty concentrate container without being exposed to the hazardous chemicals. There's no need to remove the bung because the patented safety feed assembly comes with a supply tube already installed in the drum.

The worker simply unscrews the adapter from the empty drum then moves it and replaces it with a full drum, removes the shipping cap from the new drum and re attaches the safety feed adapter. The shipping cap can be installed on the empty container and stored for disposal.



A simple field test kit can confirm the correct dosage.

How do I test the solution strength?

Our customized titration test kits will provide you with the instructions and reagents required to quickly determine if the dilution ratio you are using is correct for your application.

In addition to our full titration test kits Spray Chem can provide you with test Dip Strips that can give you the results instantly for quick checks.

For more detailed information on products and our customized feed systems, contact our technical department or visit our web site at www.spraychem.com

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USE YOUR CART TO SAFELY SANITIZE ALL OF YOUR EQUIPMENT

With the addition of our hose and wand kit the cart can be used to sanitize all external surfaces

Peracetic Acid has quickly become the sanitizer of choice not only for tanks, lines, heat exchangers, fillers, etc, but also for drains, floors, walls, and any exterior equipment surface that can be cleaned with conventional cleaners.

The special tri-clover adapter is attached to the discharge of the cart and when the valve is opened, it will spray a soft flooding rinse through a rugged 50 foot sanitizing hose to allow the worker to safely dilute the peracetic acid sanitizer as it is being used.

As the water flows through the special water driven pump the peracetic acid sanitizer is drawn automatically from the chemical concentrate drum through the patented safety feed adapter and diluted to the exact ratio selected.

Once the operator is done sanitizing a simple flip of the pump valve turns off the pump and rinses the line with potable water

The sanitizing wand is 316 stainless steel and includes a quick connect and 3 different nozzles to cover all of your sanitizing needs.

