

## First Line Technologies Dahlgren Decon

Dahlgren Decon™ is a three-component decontamination solution that can quickly decontaminate most chemical warfare agents, toxic materials, and other emerging threats. In testing conducted by the U.S. Department of Defense and other federal agencies, Dahlgren Decon has been found to be the most effective and fastest reacting decontaminant on the market. Made and sourced in the USA.

Dahlgren Decon is supplied as three individual components, mixed by the end user, and then loaded into any spray applicator of choice. Applicators can be supplied as part of a kit, when desired. Dahlgren Decon can be ordered in an inert formulation for training purposes.

All 200 mL and 22 Oz Dahlgren Decon configurations come with a reusable and volume-appropriate beaker and stir rod to aid the end user in properly mixing the solution before applying it to the threat at hand.



Non-Corrosive



Non-Flammable



Non-toxic  
Byproducts =  
Safe for Disposal  
After Use



Neutral  
pH Level



10+ Year  
Shelf Life



Use & Store  
in Temperatures  
from -40F to 160F



### Highlights

- 10+ year shelf-life
- Safe for use on PPE, sensitive equipment, and critical infrastructure
- Non-corrosive, non-flammable, and no threat of material degradation
- Compatible with most detectors
- No toxic by-products
- 12 hour pot-life for most threats\*
- Store in temperatures from -40°F – 160°F (-40°C – 71°C)
- Use in temperatures from -20°F – 160°F (-20°C – 71°C)
- Mixing Beaker and Stir Rod included\*\*
- Made and sourced in the USA

\*6 hour pot-life for VX

\*\* Included only with 200 mL and 22 Oz Configurations (Active and Inert)

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## Components



### Part A

Dahlgren Decon Part A RTU is a ready-to-use liquid micro-emulsion surfactant carefully formulated to lower surface tension in order for contaminants to be easily wiped off or rinsed away. Part A is specifically designed to bind and coat threats to prevent potentially toxic off-gassing and enhances the ability for PAA to chemically destroy harmful contaminants.



### Part B1

Dahlgren Decon Part B1 works as the pH buffer in Dahlgren Decon. This component allows Dahlgren Decon to yield a neutral pH, and therefore makes full-strength Dahlgren Decon non-corrosive and safe to use on sensitive equipment and critical infrastructure after properly mixing.



### Part B2

Dahlgren Decon Part B2 holds the active ingredient for proper decontamination; fine-powdered Peracetic Acid (PAA). PAA effectively neutralizes most contaminants in a matter of minutes and leaves behind no toxic by-products.



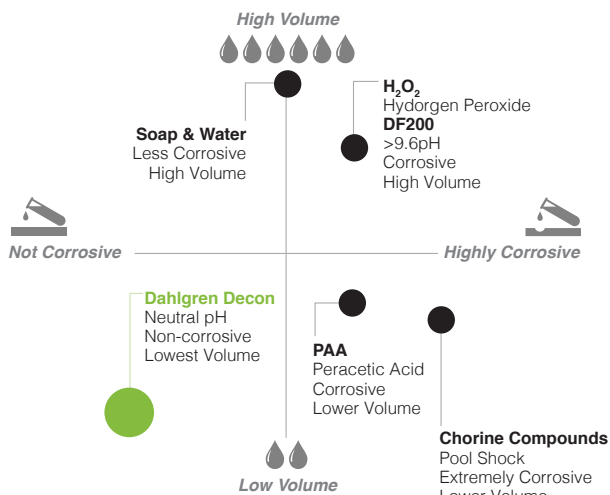
### Beaker and Stir Rod

All 200 mL and 22 Oz Dahlgren Decon configurations come with a reusable and volume-appropriate beaker and stir rod to aid the end user in properly mixing the solution before applying it to the threat at hand.

## The Decon Landscape

Dahlgren Decon reduces the time to mix, apply, dwell, and clean-up which means a threat has less time to cause damage that would result in equipment or infrastructure to be discarded.

Dahlgren Decon has a higher efficiency in neutralizing larger areas of coverage with smaller volumes of solution than water, bleach, or hydrogen peroxide.



## How much do I need?

Configuration	Application Area
200 ML	2-3 People in PPE
22oz	Small Team or Equipment
1 Gallon	Small Area (1-2 Vehicles)
5 Gallon	Large Area & Critical Infrastructure



## Inert Training Formula

Inert Dahlgren Decon for Training scenarios allows end users to practice their decon technique using an inert replicate of the active product at a lower cost. Inert Dahlgren Decon is formulated specifically to resemble Active Dahlgren Decon in consistency, color, and smell, however does not contain the decontamination properties of Active Dahlgren Decon.

Dahlgren Decon is not currently approved by applicable regulatory authorities, including the U.S. EPA, for biological applications. Dahlgren Decon is Licensed from Department of the Navy under U.S. Patent Nos. 7,064,241, 7,718,594, and 7,829,520