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## Who Are We?

FAST-ACT is a proprietary formulation of safe earth minerals capable of neutralizing, adsorbing, or containing a wide range of chemical threats.

Decontaminate + Contain + Neutralize

No Hazard Identification Required

- Works on Acids, Bases, and Organic and Halogen compounds
- Toxic Industrial Chemicals (TICs) & Toxic Industrial Materials (TIMs)

Minimal Training Required

- All units are ready-to-use, no premixing or preparation
- Easy-to-use

Fast

- Immediately neutralizes, adsorbs or contains on contact

Safe

- Non-toxic, non-corrosive, non-flammable, environmentally friendly

## Powder Bottle Pack

The FAST-ACT® Powder Bottle Pack works quickly to significantly reduce hazards associated with common industrial chemicals including; acids, acidic/caustic gases, organic compounds, phosphorous and sulfur compounds, and many industrial solvents. By the nature of FAST-ACT®'s innovative chemistry, hazards are chemically bound to the surface of the powder minimizing off-gassing.

FAST-ACT® can be safely applied where known or unknown chemicals are a potential threat.

Typical Applications Include:

- Surface decontamination
- Chemical decontamination of small and intricate items
- Gear cleanup
- In combination with the FAST-ACT Microfiber Towel Pack or Decon Mitt

The FAST-ACT® powder bottle pack, in combination with the decontamination mitts, can decontaminate equipment, contaminated at very high contamination densities of above 10g/m<sup>2</sup>.



# Powder Bottle Pack Specifications

Part Number:	FG015-0002-00NA
Packet Dimensions:	7.5" x 4.5" x 2"

\*Due to continual product development, descriptions and specifications are subject to change without prior notification and such details must not be used for contractual purposes.



## Tested & Verified By:



## Testing

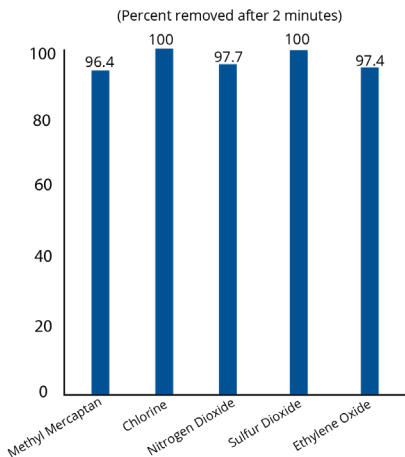
### Battelle Surface Decontamination Testing

The objective of Battelle testing was to determine surface removal ability and reactivity of FAST-ACT<sup>®</sup> by measuring the reduction in chemical warfare agents under ambient conditions. An inert surface (glass) was spiked with CWA, FAST-ACT<sup>®</sup> was applied to the surface and mixed/agitated with the agent. After 90 seconds the powder was removed from the surface, the surface extracted with an organic solvent, and the amount of agent in the extract determined by GC/FID. After 10 minutes for VX and GD and 60 minutes for HD, the powders were extracted and the amount of extracted agent quantified by GC-MS.

### Results

Within 90 seconds FAST-ACT<sup>®</sup> removed over 99.9% of HD and VX and over 99.6% (detection limit) of GD from the surface as indicated in the graph below. Over time the adsorbed agents were destroyed by FAST-ACT<sup>®</sup>.

### Effectiveness of FAST-ACT Towards Vapor Hazards



### Effectiveness of FAST-ACT Towards Liquid Hazards

