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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

Shaker Bottle

The FAST-ACT® 500 gram Shaker Bottle is ideal for contamination and adsorption of known and unknown liquid chemical threats that you may become exposed to in an environment. Ideal for use in laboratories, on-the-field hazmat and emergency response calls, and small scale chemical containment.

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

Typical Applications Include:

- Hazmat Teams: Small Scale Spill Response
- Fine decon in conjunctions with FAST-ACT® Mitts
- Emergency on site containment for First Responders: Fire, Police
- Laboratories: Schools, Universities, Hospitals, Commercial
- Personal equipment containment and neutralization of contamination

The FAST-ACT® Shaker Bottle, in combination with the decontamination mitts, can decontaminate equipment and small surfaces contaminated at very high contamination densities of above 10g/m².



500 Gram Shaker Bottle Specifications

Part Number:	FG015-0500-00NS
NSN:	4235-01-612-0942
Packet Dimensions:	89 mm x 89 mm x 178 mm
Weight:	0.61Kg
Sorbent Loading:	500 grams
Ship Dimensions	4" x 4" x 8" - 1.5 lbs

*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:



OPCW



MPI[®]
RESEARCH



BATTELLE

Nelson Labs[®]
A Sotera Health company

Testing

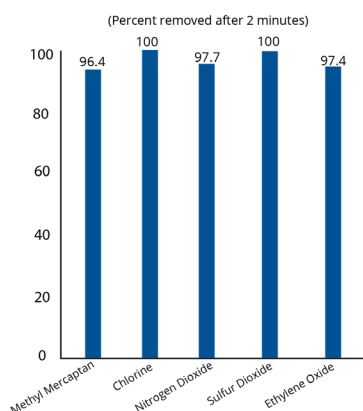
Battelle Surface Decontamination Testing

The objective of Battelle testing was to determine surface removal ability and reactivity of FAST-ACT[®] by measuring the reduction in chemical warfare agents under ambient conditions. An inert surface (glass) was spiked with CWA, FAST-ACT[®] 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[®] 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[®].

Effectiveness of FAST-ACT Towards Vapor Hazards



Effectiveness of FAST-ACT Towards Liquid Hazards

