



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

Decontamination Mitt

The FAST-ACT® Individual Decontamination Mitt contains FAST-ACT® powder in a pad with a polyethylene backing that can be used to decontaminate a wide variety of chemical agents from various surfaces. FAST-ACT® is a rapid and effective way to safely neutralize toxic releases efficiently reducing life-safety threat, equipment, and cost.

The FAST-ACT® Decontamination Mitt is designated through CE mark and TGA certification as a Class 1 Non-Sterile Medical Device for an applicational dual-use for the decontamination of chemical warfare agents and toxic industrial materials on skin and surfaces.

Typical Applications Include:

- Hazmat Teams: Gear Cleaning
- Military Special Forces: Tactical Equipment Rapid Decon
- Emergency Surface Decontamination: Small Scale Containment
- Decon Lines
- Cleanup of unknown Hazards
- Skin decontamination

The FAST-ACT® decontamination mitts were tested under field conditions and challenged with HD and VX, using them on metal plates contaminated with the equivalent of 10g/m² and 30g/m². The residual contamination density was always below the NATO permissible limit of 10µg/cm² (HD) and 1 µg/cm² (VX).



Decontamination Mitt Specifications

Part Number:	FG015-1840-00NS (EA)
NSN:	4235-01-612-0990
CE Classification:	Class 1 Non-Sterile Medical Device for dual-use
Shelf Life:	5 Years
Packet Dimensions:	24.12cm x 13.97cm x <0.127cm
Packed in Cases of:	80 mitts
Case Dimensions:	40.64cm x 30.48cm x 22.86cm
Case Weight:	4762g
Case Part Number:	FG015-1840-00NS

*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

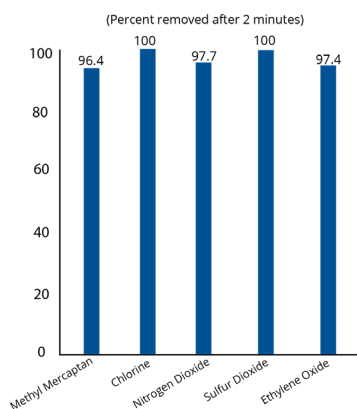
Battelle Surface Decontamination Testing

The objective of Battelle testing was to determine surface removal ability and reactivity of FAST-ACT[®] 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

