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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



Bulk Pail

The FAST-ACT® 5kg Bulk Pail works effectively to neutralize a wide range of acids, adsorbs many halogenated compounds, neutralizes phosphorous compounds, neutralizes and adsorbs both caustic and basic gases, adsorbs a wide range of organic compounds, and adsorbs and neutralizes GD, VX, HD and other chemical agents and numerous other toxic industrial chemicals.

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

Typical Applications Include:

- Hazmat Teams: Spill Response and Containment
- Sorbent in a decon line shuffle pit
- Rapid covering of surface with decon powder
- Neutralization of unknown chemical mixtures
- Industrial & Commercial Facilities: Accidents, Leaky Storage
- Containment and neutralization of very high liquid contamination densities (above 10g/m²)
- Absorbing and neutralizing TICs and CWAs in CBRN EOD/IED scenarios

The dry powder neutralizes threats upon contact, FAST-ACT® works quickly to significantly reduce hazards associated with Chemical Warfare Agents and Toxic Industrial Chemicals.

By the nature of FAST-ACT®'s innovative chemistry, hazards are chemically bound to the surface of the powder minimizing off-gassing, a problem with high contamination.

Bulk Pail Specifications

Part Number:	FG015-5000-00NS
NSN:	4235-01-612-0981
Dimensions:	320 mm x 320 mm x 320 mm
Weight:	7.25Kg (15.95 lbs)
Sorbent Loading:	5 Kg (11 lbs)
Ship Dimensions	13" x 13" x 13" - 21.6 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:



Testing

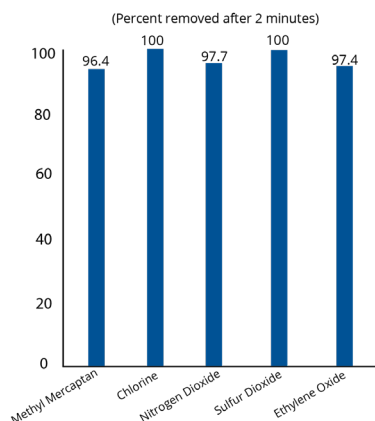
Battelle Surface Decontamination Testing

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

