

**JacTone®**

**FASTACT®**

# CBRN & HAZMAT FIRST RESPONSE

DECONTAMINATION  
CONTAINMENT  
NEUTRALISATION



**TIMILON**  
CORPORATION

## ONE PRODUCT ONLY: FAST-ACT®



The range of physical, chemical and toxicological properties of Toxic Industrial Chemicals (Hazardous Materials) and Chemical Warfare Agents presents a considerable challenge for their destruction and detoxification by decontamination formulations and procedures which may well be effective for Chemical Warfare Agent contamination. For treatment of such military and civilian incidents various products are employed: acid and base neutralisers, all-purpose absorbents, oil only absorbents, hazardous liquid absorbents, spill kits, decontaminating foams, spill containment and material handling products.

## ABOUT FAST-ACT®



FAST-ACT® is a proprietary formulation of nontoxic high-performance specialty materials effective at neutralising a wide range of Toxic Industrial Chemicals with the added capability to destroy Chemical Warfare Agents. FAST-ACT has two proprietary components – Titanium Dioxide (TiO<sub>2</sub>) and Magnesium Oxide (MgO) – both in powder and granule form. Unlike commercially available versions of titanium dioxide and magnesium oxide, these materials are manufactured using unique processes that allow for greatly enhanced physical and chemical properties of the components allowing for broad chemical efficacy.

### DECONTAMINATION CONTAINMENT NEUTRALISATION

## EFFECTIVENESS AGAINST A BROAD RANGE OF CHEMICAL HAZARDS ELIMINATES THE NEED FOR MULTIPLE PRODUCTS

**FAST-ACT® has been tested for efficacy against a wide range of toxic chemicals and Chemical Warfare Agents.**

### ACIDS

Hydrochloric Acid, Hydrofluoric Acid, Nitric Acid, Phosphoric Acid, Sulfuric Acid, Caustic/Acidic gases, Anhydrous Ammonia, Chlorine, Hydrogen Chloride, Nitrogen Dioxide, Sulfur Dioxide

### PHOSPHORUS SULPHUR COMPOUNDS

2-Chloroethyl ethyl sulfide, Dimethyl methyl phosphonate, Paraoxon, Parathion, Methyl Mercaptan, Industrial solvents/refrigerants, Acetonitrile, Chloroacetyl Chloride, Acetyl Chloride

### CHEMICAL WARFARE AGENTS

Nerve Agents, Blister agents

### ORGANIC COMPOUNDS

Acetaldehyde, Acetone, P-Cresol, Diesel, Denatured Ethanol, Ethylene Oxide, Gasoline, Methanol, Toluene, 4-Vinylpyridine

**FAST-ACT® is effective against  
these chemicals and many more.**

Access full  
Decontamination  
Guide here



**DECONTAMINATION CONTAINMENT NEUTRALISATION**





## TESTED AND EFFECTIVE AGAINST CHEMICAL WARFARE AGENTS AND A WIDE RANGE OF TOXIC INDUSTRIAL CHEMICALS

**Chemical Warfare Agents can only be destroyed  
if their chemical structure is modified**

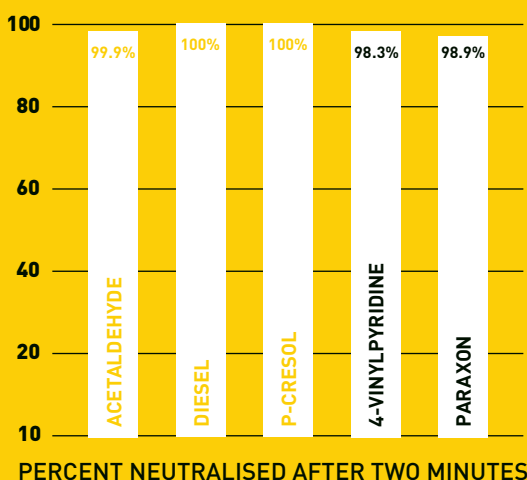
### EFFECTIVENESS OF FAST-ACT® TOWARDS LIQUID HAZARDS

Chemical Warfare Agents can only be destroyed if their chemical structure is modified. FAST-ACT® destroys these agents by supporting immediate reactions such as hydrolysis and dehalogenation. Blistering agents are also neutralised by FAST-ACT through hydrolysis and dehydrohalogenation reactions.

FAST-ACT's effectiveness against CWAs has been validated by two independent laboratories:

- Battelle in Columbus, OH-Surface Decontamination
- SBCCOM (ECBC) in Edgewood, MD-Chemical Reactivity.

**FAST-ACT® is proven to remove over 99.6% of VX, GD (soman) and HD (mustard "gas") from surfaces, thus meeting the applicable NATO standard.**



\* Contact Timilon for testing details, reports, or sorbent to agent ratios

## DECONTAMINATION CONTAINMENT NEUTRALISATION

## FAST-ACT® TESTED UNDER FIELD CONDITIONS

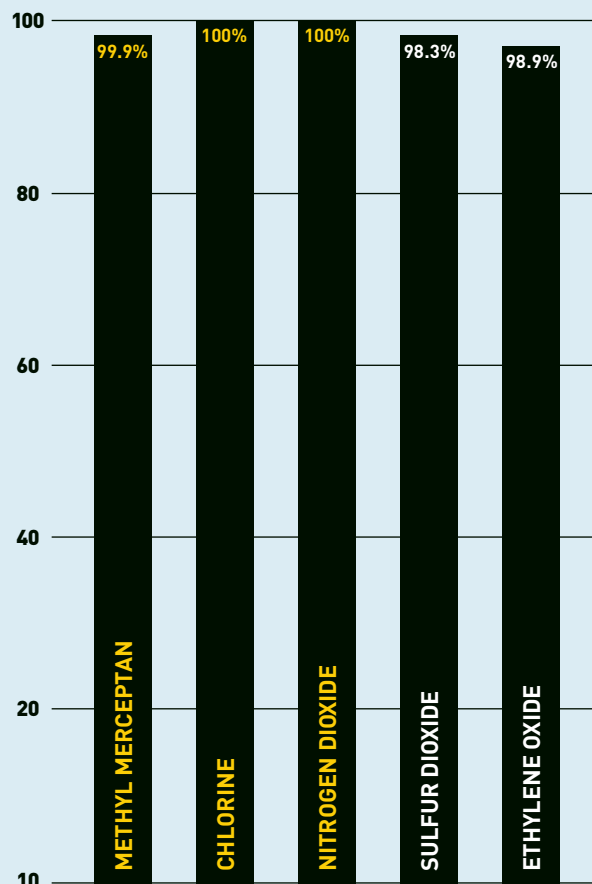
FAST-ACT® was tested for the removal of vapour hazards such as GB (sarin), anhydrous ammonia (USACHPPM Toxic Industrial Chemical List, Second Hand Smoke Component, considered as a choking agent); chlorine (TOP 25 Hazardous Commodities 1998 List, choking agent); ethylene oxide (USACHPPM Toxic Industrial Chemical List), hydrogen chloride (USACHPPM Toxic Industrial Chemical List, also considered a blood agent); nitrogen dioxide (USACHPPM Toxic Industrial Chemical List) and sulfur dioxide (USACHPPM Toxic Industrial Chemical List).

**In addition to the chemical warfare agents, FAST-ACT® was found to destroy simulants of chemical warfare nerve, mustard, blood, and choking agents.**

FAST-ACT® is very effective and fast at adsorbing and neutralising acids with the formation of metal salts. Neutralisation of acids upon exposure to FAST-ACT was determined based on pH measurements after water addition to the treated powder. The formulation has been tested with hydrochloric, nitric, phosphoric, and sulfuric acids. Upon treatment with FAST-ACT, the pH is brought up to a safe range (from 0 to 9-11) within two minutes of contact.



## EFFECTIVENESS OF FAST-ACT® TOWARDS VAPOUR HAZARDS



PERCENT REMOVED AFTER TWO MINUTES

\* Contact Timilon for testing details, reports, or sorbent to agent ratios



## DECONTAMINATION CONTAINMENT NEUTRALISATION

## REMOVAL OF VAPOUR HAZARDS

FAST-ACT® was tested for the removal of vapour hazards such as GB (sarin), anhydrous ammonia (USACHPPM Toxic Industrial Chemical List, Second Hand Smoke Component, considered as a choking agent); chlorine (TOP 25 Hazardous Commodities 1998 List, choking agent); ethylene oxide (USACHPPM Toxic Industrial Chemical List), hydrogen chloride (USACHPPM Toxic Industrial Chemical List, also considered a blood agent); nitrogen dioxide (USACHPPM Toxic Industrial Chemical List) and sulfur dioxide (USACHPPM Toxic Industrial Chemical List).



## HOW MUCH FAST-ACT® DO YOU NEED TO NEUTRALISE SPECIFIC CHEMICALS?

FAST-ACT® is designed to treat a wide variety of military and civilian chemical hazards. Their accidental and incidental releases may be highly concentrated at or near the point of emission.

The concentration, contamination density and type of chemical release will determine how much FAST-ACT is needed for effective neutralisation and/or containment. You always want to apply enough FAST-ACT to fully adsorb the liquid chemical hazard.

Unlike other decontaminating chemicals, FAST-ACT can destroy Chemical Warfare Agents at contamination densities that are much higher than the currently required NATO standard.



## DECONTAMINATION CONTAINMENT NEUTRALISATION



**NON-TOXIC  
NON-CORROSIVE  
NON-FLAMMABLE**



**DRY POWDER  
FORMULATION**



**NEUTRALISES  
BOTH LIQUID AND  
VAPOUR HAZARDS**



**EASY TO OPERATE  
DELIVERY SYSTEM**

FAST-ACT® can be delivered to the contaminated area using several methods of deployment. In the event of a liquid spill, the powder can be manually placed onto the even unknown hazards (shaker bottle for small spills, bulk pail for larger spills, or pressurised cylinders for a quick coverage of the entire spill). The pressurized cylinders are designed to treat liquids and vapor hazards, making this technology truly unique and versatile, eliminating the need for ancillary equipment or multiple products.

Operation of FAST-ACT® units is very simple. The operation of pressurised cylinders is similar to fire extinguishers. Each unit is shipped with a user manual outlining instructions for use and application rates for select chemicals. The formulation is ready for application, which greatly reduces the deployment time.

- No premixing is required
- All units are portable.



**CONDUCTED EXTENSIVE  
TOXICITY TESTING**



**REDUCES ON-SITE  
INCIDENT MANAGEMENT  
AND CLEAN-UP TIMES**

A rigorous toxicity evaluation of FAST-ACT® components has revealed that there are no safety hazards. Extensive toxicity testing (oral, dermal irritation, dermal sensitization, eye irritation and inhalation) has been carried out on FAST-ACT and its components by USCHPPM (US Army Center for Health Promotion and Preventive Medicine), Aberdeen MD and MPI Research, Mattawan, MI and proven the formulation to be non-toxic. The formulation is non-corrosive. The results of these tests confirmed the safe use on skin.

The dry powder neutralises threats upon contact, FAST-ACT® works quickly to significantly reduce hazards associated with Chemical Warfare Agents and Toxic Industrial Chemicals including acids, acidic/caustic gases, organic compounds, phosphorus 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 minimising off-gassing. This facilitates gross and technical decontamination.



**EFFECTIVE OVER A WIDE  
RANGE OF TEMPERATURES  
AND CONDITIONS**



**SKIN AND SURFACE  
DECONTAMINATION  
PRODUCTS INCLUDED**

Due to the dry powder nature of the product, the reaction kinetics and adsorption/reaction equilibrium will vary depending on the temperature; however, the reaction mechanism will be the same.

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

## DECONTAMINATION CONTAINMENT NEUTRALISATION



## PRESSURISED CYLINDERS

**SIZES**  
1kg, 2kg  
and 4kg

UK  
CA  
0086

CE  
2797

MADE IN  
BRITAIN



The FAST-ACT® Pressurised Cylinder is a fast-acting, rapid solution for decontamination and adsorption of toxic chemical vapours or liquids in an environment. The FAST-ACT pressurised cylinder is available in 1kg, 2kg, and 4kg sizes.

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

### TYPICAL APPLICATIONS INCLUDE:

- Hazmat Teams: Air Space decontamination
- Neutralisation of acidic gases
- Emergency decontamination of gear
- Enclosed spaces knockdown of vapours and/or odours
- Decontamination shelter/tent clean-up

## PRODUCT SPECIFICATIONS

PRODUCT DESCRIPTION	PRODUCT CODE	NATO STOCKING NUMBER	CARTON DIMENSIONS	PRODUCT WEIGHT	CYLINDER DIAMETER
1kg FAST-ACT Pressurised Cylinder	EFAS1	4235-01-612-0947	393 x 159 x 117mm	2.4kg	108mm
2kg FAST-ACT Pressurised Cylinder	EFAS2	4235-01-612-0950	415 x 175 x 175mm	5kg	160mm
4kg FAST-ACT Pressurised Cylinder	EFAS4	4235-01-612-0969	529 x 177 x 177mm	7.7kg	160mm

**NOTE:** 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.

### Minimal Training Required

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

### Fast

- Immediately neutralises, adsorbs or contains on contact

### Safe

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

## DECONTAMINATION CONTAINMENT NEUTRALISATION

### TESTED & VERIFIED BY



FAST-ACT products are classified as EAR99. Items not designated under the control of another federal agency or listed on the Commodity Control List (CCL). FAST-ACT products are classified as EAR99 (Export Administration Regulations). EAR99 does not require a license and is not categorized under export control regulation.



## PRESSURISED CYLINDER Disposable Type

**SIZE  
400g**

**UK  
CA**



Mounting  
bracket  
included

The 400g FAST-ACT® Pressurised Cylinder Disposable Type is a fast-acting, rapid solution for decontamination and adsorption of toxic chemical vapours or liquids in an environment.

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

### TYPICAL APPLICATIONS INCLUDE:

- Hazmat Teams: Air Space decontamination
- Neutralisation of acidic gases
- Emergency decontamination of gear
- Enclosed spaces knockdown of vapours and/or odours
- Decontamination shelter/tent clean-up

## PRODUCT SPECIFICATIONS

PRODUCT DESCRIPTION	PRODUCT CODE	RANGE OF DISCHARGE	PRODUCT WEIGHT	CYLINDER HEIGHT	CYLINDER DIAMETER
400g FAST-ACT Pressurised Aerosol Cylinder	EFAS0.4	2-3 metres	0.56kg	287mm	66mm

› Aluminium lightweight body › Controlled discharge › No formal maintenance required

**NOTE:** 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.

### Minimal Training Required

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

### Fast

- Immediately neutralises, adsorbs or contains on contact

### Safe

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

## DECONTAMINATION CONTAINMENT NEUTRALISATION

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## BULK PAIL

**SIZE**  
**5kg**



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

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
- Neutralisation of unknown chemical mixtures
- Industrial and Commercial Facilities:  
Accidents, leaky storage

## PRODUCT SPECIFICATIONS

PRODUCT DESCRIPTION	PRODUCT CODE	NATO STOCKING NUMBER	DIMENSIONS	PRODUCT WEIGHT	SORBENT LOADING	SHIP DIMENSIONS
FAST-ACT Bulk Pail, 5kg	FAST1	4235-01-612-0981	320 x 320 x 320mm	7.25kg	5kg	13"x13"x13" 21.6 lbs

**NOTE:** 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.

### Minimal Training Required

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

### Fast

- Immediately neutralises, adsorbs or contains on contact

### Safe

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

## DECONTAMINATION CONTAINMENT NEUTRALISATION

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## SHAKER BOTTLE

**SIZE  
500g**



The FAST-ACT® 500g 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, others
- Laboratories: Schools, Universities, Hospitals
- Personal equipment: Containment and neutralisation of contamination

## PRODUCT SPECIFICATIONS

PRODUCT DESCRIPTION	PRODUCT CODE	NATO STOCKING NUMBER	DIMENSIONS	PRODUCT WEIGHT	SORBENT LOADING	SHIP DIMENSIONS
FAST-ACT Shaker	FAST2	4235-01-612-0942	89 x 89 x 178mm	0.61kg	500g	4" x 4" x 8" 1.5 lbs

**NOTE:** 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.

### Minimal Training Required

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

### Fast

- Immediately neutralises, adsorbs or contains on contact

### Safe

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

## DECONTAMINATION CONTAINMENT NEUTRALISATION

### TESTED & VERIFIED BY



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## POWDER BOTTLE PACK

**SIZE**

**50g**

per bottle

**2 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 sulphur compounds, and many industrial solvents. By the nature of FAST-ACT's innovative chemistry, hazards are chemically bound to the surface of the powder minimising 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 clean-up
- In combination with the FAST-ACT Microfibre Towel Pack or Decon Mitt

## PRODUCT SPECIFICATIONS

PRODUCT DESCRIPTION	PRODUCT CODE	PACK QUANTITY	PACKET DIMENSIONS
FAST-ACT Powder Bottle Pack (Case of 20)	FAST2	20	7.5" x 4.5" x 2"

**NOTE:** 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.

### Minimal Training Required

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

### Fast

- Immediately neutralises, adsorbs or contains on contact

### Safe

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

## DECONTAMINATION CONTAINMENT NEUTRALISATION

### TESTED & VERIFIED BY



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## MICROFIBRE TOWEL PACK

### 2 TOWELS

- 1 for chemical absorbing
- 1 FAST-ACT towel for decontamination



The FAST-ACT® Microfibre Towel Pack contains two microfibre towels. The green towel is used for absorbing the excess liquid chemical from the surface first, then the other towel contains the FAST-ACT powder will be used to conduct an effective surface chemical decontamination.

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 and equipment clean-up

## PRODUCT SPECIFICATIONS

PRODUCT DESCRIPTION	PRODUCT CODE	PACK QUANTITY	PACKET DIMENSIONS
FAST-ACT Microfibre Towel Pack (Case of 12)	FAST4	12	7.5" x 4.5" x 3"

**NOTE:** 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.

### Minimal Training Required

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

### Fast

- Immediately neutralises, adsorbs or contains on contact

### Safe

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

## DECONTAMINATION CONTAINMENT NEUTRALISATION

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## DECON WIPE

**FAST-ACT Decon Wipes**  
remove chemical and radiological  
contaminants from skin,  
equipment and surfaces



NOTE: CE mark TBC



The FAST-ACT® Decontamination Wipes are an innovative solution for the decontamination of chemical and radiological substances. These wipes offer a convenient and effective way to remove trace contaminants on skin and various surfaces, providing a safer environment for personnel.

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

### PRODUCT FEATURES:

- Decontaminate and contain chemical radiological hazards
- Neutralise trace chemicals
- Designed for use on hard surfaces in a variety of settings
- Impregnated with patented FAST-ACT technology for efficient decontamination
- Viscose non-woven wipe composition for effective cleaning action
- Classified as a Medical Device Class I in the EU for skin decontamination

## PRODUCT SPECIFICATIONS

PRODUCT DESCRIPTION	PRODUCT CODE	PACK QUANTITY	WIPE DIMENSIONS	PACKET DIMENSIONS	SHELF LIFE
FAST-ACT Decon Wipes (Case of 300)	FAST6	300	254 x 305mm	100 x 127mm	5 Years (in original packaging)

**NOTE:** 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. Incinerable according to current procedures.

### Minimal Training Required

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

### Fast

- Immediately neutralises, adsorbs or contains on contact

### Safe

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

## DECONTAMINATION CONTAINMENT NEUTRALISATION

### TESTED & VERIFIED BY



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## DECON 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 neutralise toxic releases efficiently reducing life-safety threat, equipment, and cost.

The FAST-ACT Decontamination Mitt is designated through CE mark 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 surfaces and skin.

### TYPICAL APPLICATIONS INCLUDE:

- Hazmat Teams: Gear cleaning
- Military Special Forces: Tactical equipment rapid decon
- Emergency Surface Decontamination:
  - Small scale containment
- Decon lines
- Clean-up of unknown hazards
- Skin decontamination

## PRODUCT SPECIFICATIONS

PRODUCT DESCRIPTION	PRODUCT CODE	NATO STOCKING NUMBER	PACK QUANTITY	PACKET DIMENSIONS	CASE DIMENSIONS	CASE WEIGHT
FAST-ACT Decon Mitt	FAST3	4235-01-612-0990	80	9.5"x5.5"x <0.5"	16"x12"x9"	10.5 lbs

**NOTE:** 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.

### Minimal Training Required

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

### Fast

- Immediately neutralises, adsorbs or contains on contact

### Safe

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

## DECONTAMINATION CONTAINMENT NEUTRALISATION

### TESTED & VERIFIED BY



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## INDIVIDUAL DECONTAMINATION KIT (IDK)

**PRODUCT CODE:  
FASTKIT1**

### INCLUDES:

- 2 x FAST-ACT Decon Mitts
- 2 x FAST-ACT Powder Bottle Packs
- 2 x All Hazard Wipes
- 1 x Kit Carry Case
- Plus assistive accessories



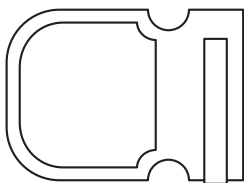
### FAST-ACT® Individual Decontamination Kit:

The kit is designed to perform emergency decontamination on 1 contaminated individual (exposed to chemical contamination), the contaminated area in the immediate vicinity of the individual, and individual equipment.

Capability of the kit will vary depending on chemical contamination density, and chemical compound.

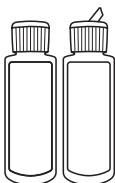
- **AGENT TYPE:** CWAs and TICs
- **DESIGN FOR:** Decontamination and Neutralisation
- **DECON TYPE:** Immediate, Emergency
- **SURFACE TYPES:** Equipment, Hard, Skin\* (mitts)
- **REQUIRE USERS:** 1 User
- **SURFACE AREA:** Approximate 2-3m<sup>2</sup>

**1**



Utilise the FAST-ACT Decon Mitts to perform immediate and emergency decontamination by following the device user manual on skin\* and surfaces not to exceed 2m<sup>2</sup>.

**2**



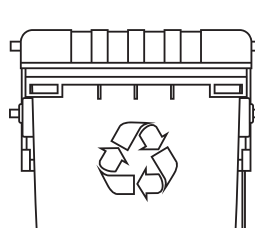
Utilise the FAST-ACT Powder Bottle Pack to apply additional FAST-ACT sorbent powder to contaminated surfaces. The FAST-ACT Decon Mitt can be used to spread the powder and perform emergency decontamination of surfaces. Provide agitation, when possible, to full absorb liquid contamination to maximise neutralisation.

**3**



Utilise the All Hazard Wipe to remove any remaining trace contamination from the treated surfaces.

**4**



Dispose of FAST-ACT devices in accordance with local requirements.

\* FAST-ACT Decon Mitt is a Class I medical device for skin decontamination in Australia and the European Union.

## DECONTAMINATION CONTAINMENT NEUTRALISATION



## OPERATIONAL DECONTAMINATION KIT (ODK)

**PRODUCT CODE:  
FASTKIT2**

### INCLUDES:

- 5 x FAST-ACT 1kg Sorbent Bags
- 20 x FAST-ACT Decon Mitts
- 20 x All Hazard Wipes

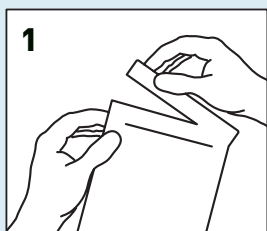


### FAST-ACT® Operational Decontamination Kit:

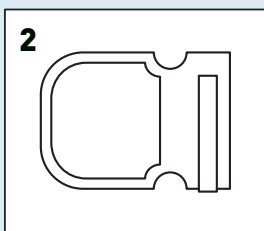
The kit is designed to perform operational, emergency, and/or technical decontamination on 20-30 square meters of contaminated surfaces. This could include the contaminated gear of an individual or individuals, the area in the immediate vicinity of the individual(s), and personal use equipment.

Capability of the kit will vary depending on chemical contamination density, and chemical compound.

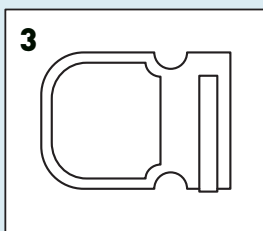
- **AGENT TYPE:** CWAs and TICs
- **DESIGN FOR:** Operational, Emergency, Technical
- **DECON TYPE:** Immediate, Emergency
- **SURFACE TYPES:** Equipment, Hard, Skin\* (mitts)
- **REQUIRE USERS:** 2 Users
- **SURFACE AREA:** Approximate 20-30m<sup>2</sup>
- **SPILLS:** Up to 12 litres\*\*



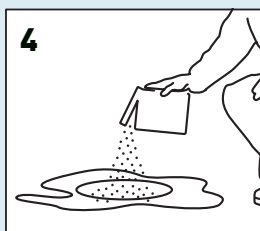
Utilise the FAST-ACT 1kg Sorbent Bags to apply FAST-ACT sorbent powder to contaminated surfaces for emergency decontamination of visible liquid chemical.



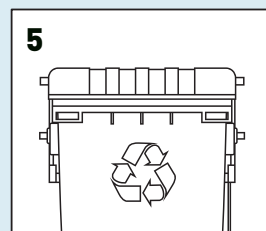
Utilise the FAST-ACT Decon Mitts to perform emergency decontamination by following the device user manual on surfaces not to exceed 1m<sup>2</sup> per FAST-ACT Decon Mitt.



The FAST-ACT Decon Mitt can be used to spread the sorbent bags and perform emergency decontamination of surfaces.



Utilise the FAST-ACT 1kg Sorbent Bags to apply FAST-ACT sorbent powder onto small chemical spills for ab-/adsorption (containment) and neutralisation of visible liquid chemical.



Dispose of FAST-ACT devices in accordance with local requirements.

\* FAST-ACT Decon Mitt is a Class I medical device for skin decontamination in Australia and the European Union. \*\* 37% HCL

## DECONTAMINATION CONTAINMENT NEUTRALISATION

## OPERATIONAL VAPOUR DECONTAMINATION KIT (VDK)

**PRODUCT CODE:  
FASTKIT3**

### INCLUDES:

- 1 x FAST-ACT 4kg Pressurised Cylinder
- 1 x Attachment Hose
- 1 x Cylinder Backpack



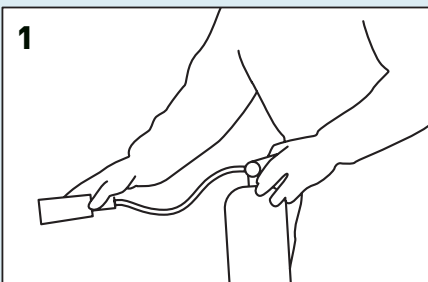
### FAST-ACT® Operational Vapour Decontamination Kit:

The kit is designed to perform operational, emergency, and/or technical decontamination in air spaces, likely enclosed spaces.

Capability of the kit will vary depending on chemical contamination density, and chemical compound.

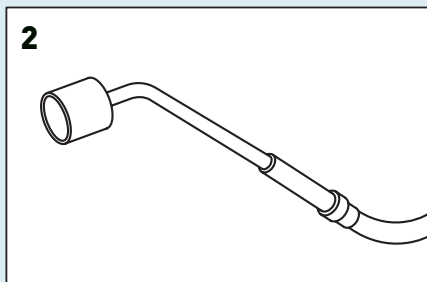
- **AGENT TYPE:** Vapour Agents: CWAs and TICs
- **DESIGN FOR:** Decontamination and Neutralisation
- **DECON TYPE:** Operational, Emergency, Technical
- **SURFACE TYPES:** Air Space
- **REQUIRE USERS:** 1 User
- **TREATMENT VOLUME\*:** Up to 100m<sup>3</sup>

**1**



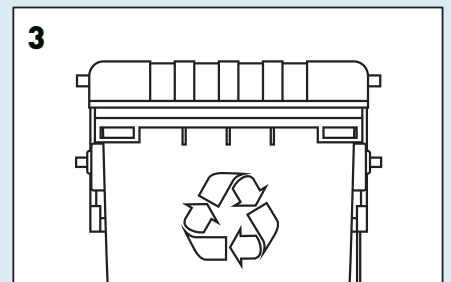
Utilise the FAST-ACT 4kg Pressurized Cylinder to perform operational, emergency and/or technical decontamination by following the device user manual in contaminated air spaces.

**2**



Utilise the FAST-ACT wand (if equipped) or hose to apply additional FAST-ACT sorbent powder to contaminated horizontal surfaces.

**3**



Dispose of FAST-ACT sorbent powder in accordance with local requirements.

\* Treatment volume is highly dependent upon chemical and contamination density. Example is for 1000 ppm of HCL.

## DECONTAMINATION CONTAINMENT NEUTRALISATION

## IMMEDIATE HIGH CONTAMINATION DENSITY KIT (HDK)

### INCLUDES:

- 1 x Overpack drum with screw top lid
- 25 x FAST-ACT 1Kg Sorbent Bags
- 2 x Scoops



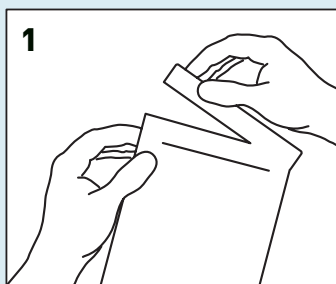
**PRODUCT CODE:  
FASTKIT4**

### FAST-ACT® Immediate High Contamination Density Kit:

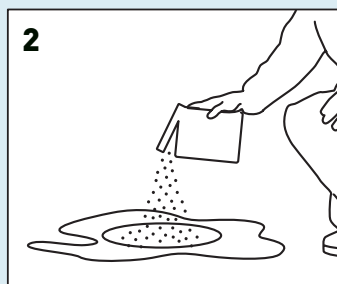
The kit is designed to perform operational, emergency, and/or technical decontamination on 20-30 square meters of contaminated surfaces, including contamination densities exceeding 10g/m<sup>2</sup>. The kit can be used to contain and neutralise chemical spills and liquid pooling.

Capability of the kit will vary depending on chemical contamination density, and chemical compound.

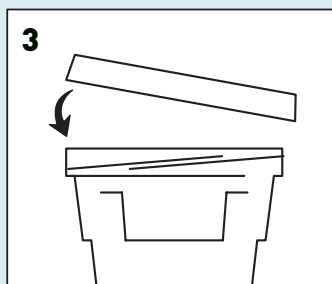
- **AGENT TYPE:** CWAs and TICs
- **DESIGN FOR:** Decontamination and Neutralisation
- **DECON TYPE:** Operational, Thorough, Gross, Technical
- **SURFACE TYPES:** Equipment, Hard
- **REQUIRE USERS:** 2 Users
- **SURFACE AREA:** Site of incident
- **SPILLS:** Up to 60 litres\*



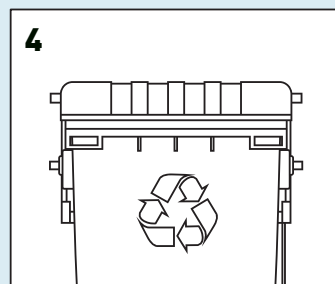
1 Utilise the FAST-ACT 1kg Sorbent Bags to apply FAST-ACT sorbent powder to contaminated surfaces for ab-/adsorption (containment), decontamination and neutralisation of visible liquid chemical.



2 Spread the powder from the sorbent bags to maximise the contact between the powder and the liquid chemical material.



3 Contain chemical and sorbent mixture in the overpack drum. Close the lid on the drum.



4 Dispose of FAST-ACT devices in accordance with local requirements.

\* 37% HCL

## DECONTAMINATION CONTAINMENT NEUTRALISATION

## AMBULANCE KIT

**PRODUCT CODE:  
FASTKIT5**

### INCLUDES:

- 1 x FAST-ACT Shaker Bottle
- 2 x FAST-ACT Powder Bottle Packs
- 8 x FAST-ACT Decontamination Mitt
- 1 x Kit Carry Case



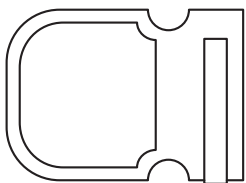
### FAST-ACT® Ambulance Kit:

The kit is designed to perform emergency decontamination on 2 contaminated individuals (exposed to chemical contamination), the contaminated area in the immediate vicinity of the individual, and individual medical equipment.

Capability of the kit will vary depending on chemical contamination density, and chemical compound.

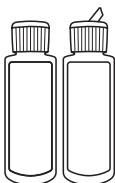
- **AGENT TYPE:** CWAs and TICs
- **DESIGN FOR:** Decontamination and Neutralisation
- **DECON TYPE:** Immediate, Emergency
- **SURFACE TYPES:** Equipment, Hard, Skin\* (mitts)
- **REQUIRE USERS:** 1 User
- **SURFACE AREA:** Approximate 2-3m<sup>2</sup>
- **SPILLS:** Up to 1 litre\*\*

**1**



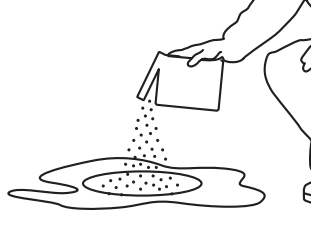
Utilise the FAST-ACT Decon Mitts to perform immediate and emergency decontamination by following the device user manual on skin\* and surfaces not to exceed 2m<sup>2</sup>.

**2**



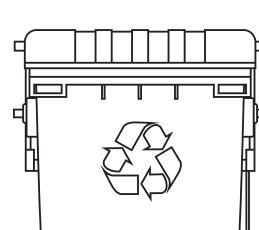
Utilise the FAST-ACT Powder Bottle Pack to apply additional FAST-ACT sorbent powder to contaminated surfaces. The FAST-ACT Decon Mitt can be used to spread the powder and perform emergency decontamination of surfaces. Provide agitation, when possible, to full absorb liquid contamination to maximise neutralisation.

**3**



Spread the powder from the sorbent bags to maximise the contact between the powder and the liquid chemical material.

**4**



Dispose of FAST-ACT devices in accordance with local requirements.

\* FAST-ACT Decon Mitt is a Class I medical device for skin decontamination in Australia and the European Union. \*\* 37% HCL

## DECONTAMINATION CONTAINMENT NEUTRALISATION



## CIVILIAN HUMANITARIAN KIT (CHK)

**PRODUCT CODE:  
FASTKIT6**

### INCLUDES:

- 2 x FAST-ACT Decontamination Mitt
- 2 x FAST-ACT All Hazard Wipes
- 1 x Seal Bag



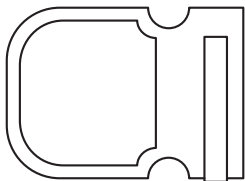
### FAST-ACT® Civilian Humanitarian Kit:

The kit is designed to perform operational, emergency, and/or technical decontamination on skin\*, 2-3 square metres of contaminated surfaces. This could include the contaminated gear of an individual or individuals, the area in the immediate vicinity of the individual(s), and personal use equipment.

Capability of the kit will vary depending on chemical contamination density, and chemical compound.

- **AGENT TYPE:** CWAs and TICs
- **DESIGN FOR:** Decontamination and Neutralisation
- **DECON TYPE:** Immediate, Emergency
- **SURFACE TYPES:** Equipment, Hard, Skin\* (mitts)
- **REQUIRE USERS:** 1 User
- **SURFACE AREA:** Approximate 1-2m<sup>2</sup>

**1**



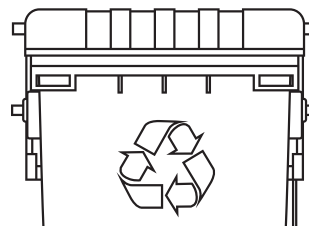
Utilise the FAST-ACT Decon Mitts to perform immediate and emergency decontamination by following the device user manual on skin\* and surfaces not to exceed 1m<sup>2</sup> per mitt.

**2**



Utilise the All Hazard Wipe to remove any remaining trace contamination from the treated surfaces.

**3**



Dispose of FAST-ACT sorbent powder in accordance with local requirements.

\* FAST-ACT Decon Mitt is a Class I medical device for skin decontamination in Australia and the European Union.

## DECONTAMINATION CONTAINMENT NEUTRALISATION

## SPEEDS KIT Tactical EDPS Decontamination System

**PRODUCT CODE:  
FASTKIT7**

### INCLUDES:

- 401 Speedbox Case
- 48oz. Sprayers
- Tool Pouches W/ Tools
- FAST-ACT Decon Mitts
- Microfibre Wipes 7mil
- Poly Bags/tarps M333 GPD
- Instruction Booklet
- Brutabs
- FAST-ACT Sorbant
- Hot/cold Lines
- Grappler Quiklitter
- 1151 Drybag

\*Contents vary by model



- **MATERIAL:** SPEEDBOX™ case, unbreakable, watertight, airtight, dustproof, chemical resistant and waterproof. Includes an automatic purge valve for quick equalisation after changes in atmospheric pressure. Equipped with heavy-duty wheels, retractable extension handle and multiple fold-down handles.
- **DIMENSIONS:** (L)33.40"x (W)19.95"x (D)26.00"
- **CAPACITY:** 5.37 cu ft. 300 lbs. 40 gal.
- **WEIGHT:** 85 lbs.
- **COLOUR:** Black or Coyote Brown

### FAST-ACT® SPEEDS Kit:

The SPEEDS Expedient Personnel Decontamination System (EPDS) is a tactical, self contained, independent and fully validated wet decontamination process (biological and radiological agents) and dry decontamination process (chemical agents) field personnel decontamination system.

Highly portable, the SPEEDS system permits rapid removal of personal protective equipment and effective decontamination of up to 24 personnel involved in a Chemical, Biological; Radiological or Nuclear (CBRN) event. The SPEEDS system is designed especially for tactical operations. SPEEDS is the only validated CBRN tactical decontamination system available on the market. Currently deployed worldwide with DoD, OGA, state and local, and corporate security forces.

The SPEEDS decontamination system is designed to directly support the tactical operations mission by providing a rapid, effective and versatile CBRN decontamination capability in the event of a CBRN incident.

For chemical agent decontamination SPEEDS utilizes the best-in-class FAST-ACT technology combined with validated comprehensive personal protective equipment cut-out procedures to provide a safe, effective and expedient means to decontaminate up to twenty-four (24) contaminated persons.

Material for biological and radiological decontamination can be added upon request.



## DECONTAMINATION CONTAINMENT NEUTRALISATION

## SCOTS KIT Specialised Chemical Ordnance Transport System

**PRODUCT CODE:  
FASTKIT8**



### INCLUDES:

- 2 x Ordnance Support Stand
- 4 x Ordnance Containment Drybag
- 2 x Individual Decontamination System (Optional)
- 2 x Sprayer
- 2 x 2x2 Roll Up Sump
- 2 x Cutting Tools
- 2 x Mono Tape
- 10 x 7mil Poly Bags
- 2 x Scrub Brush
- Decon Media That Includes:
  - 8 x FAST-ACT Mitts
  - 2 x General Purpose Decon
  - 2 x FAST-ACT Powder
  - 4 x Pipe Wrap
  - 1 x Hot/cold Line
  - 1 x Speedbox

\*Subject to change

### FAST-ACT® SCOTS Kit:

The SCOTS Kit (Specialised Chemical Ordnance Transport System) is a system that was developed in conjunction with ARMY, Navy and Marine Corps EOD feedback, knowledge and real world experience for the sealing, containment and transport of unexploded chemical munitions. The system uses proven decontamination technology, along with validated procedures, to standardise a system that helps accomplish the mission of neutralising and transporting unexploded chemical ordnance.

The kit is designed to perform operational, emergency, and/or technical decontamination on skin\*, 2-3 square metres of contaminated surfaces. This could include the contaminated gear of an individual or individuals, the area in the immediate vicinity of the individual(s), and personal use equipment.

Capability of the kit will vary depending on chemical contamination density, and chemical compound.



## DECONTAMINATION CONTAINMENT NEUTRALISATION

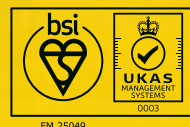


## CBRN & HAZMAT FIRST RESPONSE

**DECONTAMINATION CONTAINMENT NEUTRALISATION**

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› +44 (0)1902 357777  
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