

THE D7 BDAS+ IS A BREAKTHROUGH SOLUTION TO THE COMPLEX CHEMICAL AND ENGINEERING ISSUES OF CONTAINING THE WORLD'S MOST EFFECTIVE MILITARY GRADE DECONTAMINANT IN AN INDIVIDUAL RAPID RESPONSE APPLICATION SYSTEM. WHERE CONTAMINATION IS A THREAT, THE D7 BDAS+ MINIMIZES EXPOSURE RISK TO THE WARFIGHTER.

- » Developed by Sandia National Laboratories to neutralize chemical and biological warfare agents, hazardous industrial chemicals and VOCs (volatile organic compounds)
- » Ready-to-use (RTU) simply aim and squeeze the trigger
- » Lightweight rugged design is portable and rapidly deployable
- » Easy to use while wearing PPE to include MOPP IV, Class II, Class III and Level A ensembles
- » A standoff distance of up to 15 ft (4.5 m) eliminates direct contact with the threat so exposure is reduced and potential spread of contamination is minimized



SPECIFICATIONS

D7 BDAS+ (7001709):

- » Standard 315 mL (10.65 ounces) dispenser.
- » 6.6" Width x 2.3" Depth x 13" Height (17cm x 6cm x 33cm)
- » 1.7 lbs (.77 kg)

Intended Use:

- » BDAS+ units are intended for immediate and operational decontamination of biological and chemical threats, including weaponized agents.

Contact Times:

- » Anthrax: 15 min
- » G Agents: <10 min
- » HD: 30 min
- » V Agents: <15 min

Selectable Nozzle:

- » Mist or direct stream

Mist Setting:

- » 16 inch diameter (40 cm)
- » 40 seconds of continuous spray

Stream Setting:

- » 15 ft (4.5 m) standoff distance
- » 35 seconds of continuous stream

Coverage Area:

- » Approximately 20 sq. ft. (1.85 m²) with the mist setting on hard nonporous surfaces

Applicable Surfaces:

- » Concrete, asphalt, wood, ceramic, carpet, fabric, leather, steel, aluminum, and more

Limitations & Considerations:

- » The BDAS+ can be used within the range of 32-140 degrees Fahrenheit (0-60 degrees Celsius)





D7™ NEUTRALIZES A WIDE RANGE OF BIOLOGICAL AND CHEMICAL THREATS

CHEMICAL & BIOLOGICAL WEAPONS

- Bacillus Anthracis (Anthrax)
- Botulinum (Toxin)
- GA (Tabun) Nerve Agent
- GB (Sarin) Nerve Agent
- GD (Soman) Nerve Agent
- Lewisite (Blister)
- Mustard Gas (Blister)
- Ricin (Toxin)
- VX Nerve Agent

BIOLOGICAL ORGANISMS

- Aspergillus niger
- Bird Flu H5N1
- Brevibacterium ammoniagenes
- Burkholderia cepacia
- Campylobacter jejuni
- Candida albicans
- Clostridium difficile
- Corynebacterium ammoniagenes
- Enterobacter aerogenes
- Enterobacter cloacae
- Enterobacteriaceae (with extended beta Lactamase resistance)
- Entrococcus faecalis
- Entrococcus faecium (Vancomycin resistant)
- Escherichia coli
- Escherichia coli (antibiotic resistant)
- Escherichia coli O157:H7
- Hantavirus
- Hepatitis B Virus
- Hepatitis C Virus
- Herpes Simplex Type 1
- Herpes Simplex Type 2
- HIV/AIDS
- Human Coronavirus
- Legionella pneumophila
- Influenza A/Brazil Virus, H1N1
- Klebsiella pneumonia
- Klebsiella pneumonia (antibiotic resistance)
- Listeria monocytogenes
- Norovirus Feline
- Norovirus Murine
- Proteus mirabilis
- Proteus vulgaris
- Pseudomonas aeruginosa
- Pseudomonas aeruginosa (antibiotic resistant)
- Respiratory syncytia virus
- Salmonella enteric
- Salmonella typhi
- SARS
- Serratia marcescens
- Shigella dysenteriae
- Shigella sonnei
- Staphylococcus aureus
- Staphylococcus aureus (antibiotic resistant)
- Staphylococcus aureus (Methicillin resistant) (MRSA)
- Staphylococcus pyogenes
- Trichophyton metagrophytes
- Tuberculosis
- Vaccinia virus
- Vibrio cholera

CHEMICALS

- Q-Alkyl Phosphonofluoridates, such as Sarin and Soman
- Q-Alkyl Phosphonofluoridates, such as Tabun
- O-Alkyl, S-2-Dialkyl Aminoethyl Alkylphosphonothiolates and Corresponding Alkylated or Protonated Salts, such as VX
- Mustard Compounds, Including 2-Chloroethyl chloromethyl sulfide, Bis (2-Chloromethyl) sulfide, Bis (2-Chloromethyl) Methane, 1,2-Bis (2-Chloromethylthio) Ethane, 1,3 Bis (2-Chloroethylthio)-N-Propane, 1,4 Bis (2-Chloroethylthio)-N-Butane, 1,5-Bis (2-Chloroethylthio)-N-Pentane, and Bis (2-Chloroethylthiomethyl) Ether
- Methylamine, Saxitoxin
- Lewisites including 2-Chlorovinylchloroarsine, Bis (2-Chlorovinyl) Chloroarsine, Tris (2-Chlorovinyl), Arsine, Bis (2-Chloroethyl) Ethylamine, and Bis (2-Chloroethyl)
- Alkyl Phosphonyldifluoride and Alkyl Phosphorites
- Chlorosarin
- Chlorosoman
- Amiton, 1,1,3,3,3,-Pentafluoro-2-(Trifluoromethyl)-1-Propene, 3-Quinuclidinyl Benzilate
- Methylphosphonyl Dichloride
- Dimethyl Methylphosphonate
- Dialkyl Phosphoramidic Dihalides
- Dialkyl Phosphoramidates
- Arsenic Trichloride
- Diphenyl Hydroxyacetic Acid
- Quinuclidin-3-Ol
- Dialkyl Aminoethyl-2-Chlorides
- Dialkyl Aminoethane-2-Ols And Dialkyl Aminoethane-2-Thiols
- Thiodiglycols
- Pinacolyl Alcohols
- Phosgene
- Cyanogen and Thionyl Chloride
- Hydrogen Cyanide and Chloropicrin
- Phosphorous Oxychloride
- Phosphorous Trichloride, Phosphorous Pentachloride and Alkyl Phosphites
- Sulfur Minochloride, Sulfur Dichloride





**THE LEADING CHOICE FOR
PERSONAL AND SPOT
DECONTAMINATION
WORLDWIDE.**

- » Unrivaled ease of use.
- » Rapidly deployable.
- » Minimal training required.
- » Trusted safety and efficacy of Sandia National Laboratories' DF200 formula.

BDAS+™

Decon7's tactical BDAS+ will neutralize harmful VOCs, chemical & biological warfare agents, bodily fluids, bacteria, and viruses. Chemistry is applicable and efficacious on multiple surfaces including concrete, asphalt, wood, steel, aluminum, ceramic, carpet, fabrics, leather, and more.

Individual units weigh in at 1.7 lbs (<1 kg) and enable warfighter ability to decontaminate up to 25 ft² (2.3 m²) with a 15 ft (4.5 m)

**MANY THREATS
ONE SOLUTION**

