



DECONDUST™

THE DRY DECONTAMINATION SOLUTION YOU CAN TRUST

PRODUCT OVERVIEW

DeconDust™ is a fast, effective, and safe dry powder for neutralizing chemical threats.

Developed for law enforcement and emergency responders, it's ideal for use in crowd control and civil unrest situations. The product comes in a convenient 16oz bottle designed for quick and intuitive deployment, much like a fire extinguisher.



WHAT IT IS AND HOW IT WORKS

Developed in collaboration with Timilon, DeconDust™ is a fine, white, and odorless powder. It uses a metal oxide technology composed primarily of magnesium oxide (65-90%) and titanium dioxide (10-35%). The powder neutralizes chemical threats by physically binding to them and breaking them down on contact. When sprayed into the air, it captures and neutralizes airborne vapors and gases.

KEY FEATURES:

- ✓ **Dry Formulation:** No water, setup, or specialized infrastructure is required for use, making it perfect for mobile and urban environments.
- ✓ **Immediate Neutralization:** It rapidly neutralizes both liquid and vapor hazards, reducing injury severity and limiting the spread of chemicals.
- ✓ **Safety:** DeconDust™ is non-toxic, non-flammable, non-corrosive, and not considered a hazardous mixture.
- ✓ **Easy to Use:** Minimal training is needed for effective operation.

A gloved hand is shown pouring a white powdery substance from a white plastic bottle into a black container. The bottle has a black label with orange and white text. The background is a blurred, light-colored surface.

WHY CHOOSE DECONDUST™?

DeconDust™ offers a modern, highly efficient, and safe alternative to traditional decontamination methods.

- ✓ **Reliable:** It is a field-validated technology designed for real-world threats.
- ✓ **Practical:** Its dry formulation makes cleanup quicker and easier.
- ✓ **Non-toxic:** When neutralizing harmful chemicals, it creates byproducts and immobilizes them on the powder's surface, making the situation safer.
- ✓ **Versatile:** The product can be used for decontaminating equipment and vehicles, in addition to neutralizing airborne and liquid threats.

WHAT DECONDUST™ NEUTRALIZES

DeconDust™ is effective against a broad spectrum of chemical agents, including:

- ✓ **Riot Control Agents:** This includes common irritants like OC (oleoresin capsicum), as well as tear gases like CS, CN, and CR. It neutralizes these agents on surfaces and in the air, allowing for safer cleanup and reoccupation of affected areas.
- ✓ **Toxic Industrial Chemicals (TICs):** The product is highly effective against gases like chlorine, hydrogen chloride, ammonia, and sulfur dioxide. For example, DeconDust™ rapidly neutralizes chlorine gas, which is a choking agent that can cause long-term respiratory damage.
- ✓ **Acids and Caustics:** It provides immediate neutralization of corrosive substances like sulfuric, hydrochloric, and nitric acids, which are often used in attacks to cause severe burns and disfigurement.



PRODUCT VALIDATION

DeconDust™ has undergone rigorous, extensive testing and certification to ensure its reliability and safety.

- ✓ **Certifications:** The product is backed by certifications such as CE Class I Non-Sterile Medical Device for its wipes and mitts, TGA Certificate (Australia), EC Declaration of Conformity, EAR99 Certification, CE Certificate (Cylinder), and UKCA Certificate (Cylinder).
- ✓ **Third-Party Testing:** Its efficacy has been validated through tests conducted by organizations including Battelle, OPCW Netherlands, and Lloyd's.
- ✓ **Safety Testing:** Safety has been confirmed by institutions such as the U.S. Army Center for Health Promotion and Preventive Medicine (CHPPM), Nelson Labs, and Kansas State University.

PRODUCT INFORMATION



- **Size:**
16oz Bottle

- **Shelf Life:**
5 years

- **Composition:**
Magnesium Oxide and
Titanium Dioxide

- **Storage:**
Store in a sealed container
under broad temperature and
pressure conditions.