



Opioid Response Family of Products



FentAlert™

An all-sample screening tool for fentanyl pharmaceutical based agents (PBAs) designed for ease of use in field without additional components or process steps. Simply twist open the tube, use swab tip to sample, then reinsert and twist the tube completely closed until the reservoir is punctured. Keeping the device horizontal for 1-3 minutes as the result display on the device.

ChemBarrier™ Disposal and Transport Bags

Safely dispose of contaminated materials in the field with the reinforced ChemBarrier Disposal Bags made with the same material used in PPE by Kappler Inc. ChemBarrier Transport bags are clear allowing forensic evidence to be placed in bags designed to safely transport chemicals from the field to the lab without the concern of contamination.



FentaCycle™

The FentaCycle blends the hazardous drugs with neutralizing chemistry producing a non-toxic waste. The system has a modified DOT approved bucket for one-time use. The single use bucket is equipped with a filtered vent to provide adequate ventilation/filtration during the blending process and uses a spout that allows the chemistry and drugs to be poured inside safely. The reusable aluminum base unit operates with the push of a button and digital timer countdown the blending cycle. The magnetically coupled mixing/shredding blades ensure the chemicals and drugs together efficiently. The cycle stops automatically. FentaCycle plugs into any 110VAC outlet. The motor will be running at 20,000 RPM which will be sufficient at blending the chemicals and drugs together efficiently. The contents of the bucket at the end of the cycle can be sampled to verify the opioids have been neutralized and is safe to dispose according to local regulations.

Neutralization Chemistries includes zirconium hydroxide, sodium chlorite and peracetic acid based solutions

Amplifi ID™ Drug Analysis System

Simple to use, quick to analyze—get actionable drug checking results in 10 minutes or less. Amplifi ID identifies the most important compounds at relevant levels: synthetic opioids (like fentanyl and carfentanil), Benzodiazepines, and Xylazine.

Simple three step process; (1) prepare 5mg sample with the easy to use kit, (2) scan Amplifi ID Consumable, and (3) read the results and act. Use in the lab and in the field.

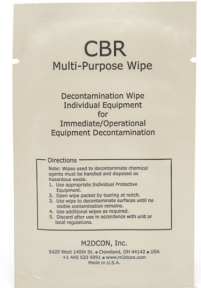




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CBR Multi-Purpose Wipes

Simple to use for immediate and operational decontamination of hard surfaces. The wipe has a unique chemistry that has been extensively tested by the US Department of Defense. Fentanyl and its analogues were tested against the CBR Multi-Purpose Wipe at CUBRC, a US Government contract lab. This wipe is the commercial equal to the US DoD M334/Joint Service Equipment Wipe.



SSDX-12 Wet Wipe

Wet wipe for the physical removal of wet and dry contaminants from surfaces. Superior efficacy of SSDX-12 at removing VX and HD from skin was demonstrated using the Strat-M® membrane¹, when compared with RSDL and Dawn Ultra. SSDX-12 consists of surfactants commonly used in personal care products, and has been tested for compatibility with human skin. Unlike other skin decontamination technologies, the SSDX-12 Wet Wipes are a safer removal technology as the chemistry is skin friendly; testing demonstrated there was no indication of a potential to elicit dermal irritation or sensitization (contact allergy) for SSDX-12 on skin (testing performed by BioScreen Testing Services).

Decon PLUS™ Kit

A general purpose decontaminant that is mixed at point of use with any available water (fresh to salt water). The simple to mix three part chemistry is sized to be mixed with the most common drinking water bottle (500mL) and is mixed by simply swirling the chemistry as it is added to the water in the tactical sprayer. Once all three parts are added and mixed, simply water the contaminated surface and allow to stand for 15 minutes. Decon PLUS was extensively tested by the US DoD before being selected and fielded as the M333/General Purpose Decontaminant. Testing of Decon PLUS/M333 against Fentanyl and its analogues were performed at DEVCOM CBC.



Custom Response and Decontamination Kits

The M2DCON team works with operators to develop and optimize kits to meet mission requirements. Understanding the unique operating circumstances and then identifying the correct tools is critical to efficient and effective operations. Kits can be designed to use the individual, small teams up to mass casualty events.