

BENEFITS OF NOVIRYN'S VIPER DECON KITS

1. Broad-Spectrum Decontamination against Multiple Threats

- Effectively handles a wide array of real-world hazards in one compact kit, including:
- Synthetic opioids (fentanyl, carfentanil, and analogs)
- Chemical warfare agents (nerve agents like VX, GA, GD; blister agents like HD)
- Toxic industrial chemicals (cyanides, phosgene, isocyanates, organophosphates, pesticides)
- Chemical irritants (pepper spray/capsaicin, riot control agents)
- Addresses mixed/unknown substances common in illicit labs, overdoses, protests, and industrial incidents.

2. Rapid, High-Efficacy Neutralization Reduces Cross-contamination

- Independent lab testing (MRI Global, December 2024) showed >99.9% neutralization of fentanyl and carfentanil within 2 minutes.
- Uses oxidative neutralization and advanced mechanisms (hydrolysis, oxidation, nucleophilic attack) rather than simply rinsing or moving contaminants.
- Far superior to current methods (water, soap, baby wipes, or detergents), which are often ineffective against hydrophobic or complex compounds.

3. Immediate Field Availability & Usability

- Portable, lightweight, and compact - designed for patrol officers, EMS, firefighters, and corrections officers to carry and deploy instantly.
- No need to wait for delayed HAZMAT teams, especially critical in rural or persistent-poverty jurisdictions.
- Minimal training required; works on skin, PPE, and equipment.
- Functions effectively in standard environmental conditions with quick deployment (within minutes of exposure).

4. Safe for Human Use (Skin-Friendly)

- Unlike many existing decontamination agents (e.g., bleach or strong caustics), the Viper kit is formulated for safe application on human skin while still being highly effective.

5. Reduces Cross-Contamination and Secondary Exposure Risks

- Significantly lowers the risk of spreading hazards to other personnel, bystanders, vehicles, or stations.
- Includes specialized absorbent pads and a portable containment/disposal pouch for safe disposal of contaminated material

6. Operational and Safety Impact

- Protects responder health by minimizing acute toxicity, cumulative exposure, injury/illness rates, and occupational exposure claims.
- Reduces operational downtime and liability interruptions.
- Enhance mission continuity — responders can stay operational instead of being sidelined by contamination.

7. Practical, Single-Use Design Optimized for Frontline Work

- Each kit contains a 20 mL single-use solution burst pack, activated wipe, highly absorbent pad, and disposal pouch.

- Designed for real-world flexibility across law enforcement, fire/EMS, corrections, and probation settings.

Summary of Core Benefits

The Viper Rapid Field Decon Kit's strongest value proposition is that it fills a critical capability gap by delivering validated, broad-spectrum, rapid chemical neutralization in a*truly field-portable, skin-safe package that frontline first responders can use immediately — in remote locations and without relying on specialized teams or ineffective traditional methods. This directly translates to safer responders, fewer exposures, reduced cross-contamination, and greater operational readiness in an increasingly hazardous threat environment involving opioids, chemical incidents, and unknown substances.