

TrainSaf® Simulants

Product Specifications

The TrainSaf® simulants produced by CET, LLC allow near ideal training and a dramatic increase in the complexity and efficacy of training scenarios. The liquid simulants accurately imitate the relative vapor pressures and have similar solubility and viscosity to their corresponding agents. This enables both “sight” detection and follow-up confirmation and identification with VOC detection such as a photoionization detector (PID). Each simulant, including the radiological powder, contains a fluorescent signature which is neutralized with standard decontamination techniques. This makes it easy to identify simulants in nooks and crannies of complex surfaces which are often either completely missed or unsuccessfully remediated. Both trainer and trainee can quickly certify that all contaminated areas were found and either fully remediated or removed with no cross-contamination of clothing or equipment.

Training simulants are human contact safe and simulate the physical characteristics of VX, G, H series agents and radiological fallout which might occur from a dirty bomb.

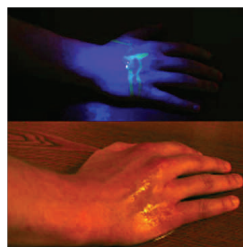
- Vapor pressure recognition of chemical simulants using instrumentation such as a photoionization detector (PID)
- Persistence, viscosity and solubility characteristics of the agents for “sight” detection and identification
- “Deactivation” of simulated agents with decontamination techniques
- Radiological simulant mimics behavior of fallout particles
- All ingredients are listed in the International Dictionary of Cosmetic Ingredients and are Generally Regarded as Safe (GRAS)

Fluorescent simulants allow for a trainer to check:

- All sites and locations for contamination
- Decontamination success on hard surfaces, porous surfaces and skin and/or cross contamination of equipment or personnel

TrainSaf® Simulants are the only simulants that:

- Use chemicals that match the properties of CWAs (e.g. vapor pressure, solubility and viscosity)
- Can be used to safely and discretely contaminate clothing and/or unprotected human skin
- Have a built-in mechanism for validating effective decontamination or for identifying cross contamination



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The
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