

Agentase™

DISCLOSURE SPRAY

IDENTIFIES EXACT LOCATION OF
CHEMICAL AGENT

In response to requests from several users of the Agentase™ CAD-Kit, FLIR has developed a spray-based formulation that changes color in the exact location of agents on surfaces.

The Agentase Disclosure Spray may be used as a precursor to decontamination, which saves time by pinpointing the exact location of agents. The spray is also well suited to decon assurance applications due to its high sensitivity to chemical warfare agents on surfaces. The spray has also been employed to map the location of contamination over wide areas.

The Agentase Disclosure Spray is a two-component system in which two dry powders are combined with water in a dual-chambered sprayer just before use. Once applied to a surface, the aqueous spray rapidly changes color in the presence of chemical agents.

One version of the spray is specifically formulated for the detection of nerve agents (G & V series). Another version detects blister agents. Recent live agent work at third-party facilities has demonstrated that the Agentase Disclosure Spray identifies the location of very low levels of nerve agents and blister agents on surfaces (complete reports are available upon request by qualified individuals).



FEATURES

- Pinpoints location of agents on surfaces
- Highly sensitive - Ability to detect sub-microgram (trace) levels of agents
- Works on most surfaces
- Simple to use
- Rapid response (within 5 minutes)
- Focuses decontamination regimens
- Illustrates decontamination efficiency

DEMONSTRATION AND TRAINING KIT

In addition, FLIR has developed a training spray which is identical in operation to the Agentase Disclosure Spray, but uses a non-toxic simulant to trigger a response.

In the demonstration shown to the right, simulant was placed in the form of an "x" on the upper portion of the particle board paneling. Once the training spray was applied, the positive response to the simulant became visible within minutes.

Detection limits and interference test data are available upon request for personnel who are qualified to receive ITAR-controlled information.



FUNDING AND PROGRAM SUPPORT

