

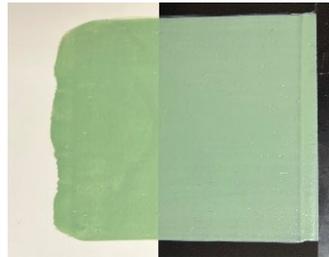
TECHNOLOGY SUMMARY

AkitaDecon is a decontamination slurry that rapidly decontaminates surfaces exposed to chemical and biological threats. The slurry is effective against nerve agents, blister agents, bacteria, and viruses. The slurry has a long residence time of surfaces but is easily removed upon decontamination.

Product: Two-part waterless decontamination slurry designed for spray-on application to contaminated surfaces.

Problem Statement

Traditional decontamination fluids are water-based and thus are not useable in extreme temperature environments



Solution Statement

Waterless decontamination fluid enables surface decontamination from chemical and biological threats in extreme cold and hot environments



ACQUISITION OPPORTUNITY

We are currently demonstrating pilot-level production of this technology. Our team is seeking low-rate initial production contracts and full production contracts.

CAPABILITIES

- Rapid decontamination of chemical and biological threats
- 5-year shelf life
- Materials compatibility
- Waterless application
- Long residence time on contaminated surfaces
- Easy cleaning and disposal

Company Profile



Founded 2012



9 Employees

APPLICATIONS/INDUSTRIES

- Defense and tactical operations
- First responders
- Medical and biohazard

Akita Innovations LLC

ABOUT AKITA INNOVATIONS LLC

Akita develops chemicals and materials for demanding applications in optics, coatings, sensors, additive manufacturing, and biomedical diagnostics. We solve problems with existing materials or design and produce new materials and chemicals.

DIFFERENTIATORS

- Leadership of industry, university, and government teams
- Capable of ITAR/classified work
- DCAA-approved accounting system
- DFARS 252.204-7012/NIST 800-171 cybersecurity
- Member of OTA consortia: NAC, AMTC, CWMD, NSTIC, NEST, MSTIC, UTIC, MATAC
- Portfolio of current and past SBIR contracts allows Phase III sole-source contracts

CORE COMPETENCIES

- Chemical design & synthesis
- Advanced materials
- Coatings development
- Contract R&D
- Absorbing & fluorescent dyes
- Optical materials
- Polymer design & synthesis
- Adhesives, sealants, elastomers
- Micro- & nanoparticle synthesis

COLLABORATORS



Corporate Data

CAGE: 6SUQ6

UEI:

UXNVMEZDFNF7

NAICS: 541715

Small Business

Akita Innovations LLC