

Technology Brief

Portable Sterilizer

US Patents
Pending

OVERVIEW

This technology provide materials and methods for a field-portable chemical sterilization system that allows for power-free sanitizing, disinfecting or sterilizing of contaminated objects.

POTENTIAL USES

Sanitizing, disinfecting, or sterilizing a variety of objects including surgical equipment, clothing, utensils, mess kits, military equipment, clothing, and weapons.

ADVANTAGES

- Safe, simple, and highly effective
- Product & operational cost savings
- External power not required
- Lightweight (3-35 pounds)
- Portable
- Environmentally friendly

DEVELOPMENT STATUS/OPPORTUNITY

Developed by the US Army-Soldiers System Center, Natick, MA. Co-development by the US Army Institute of Surgical Research. Prototypes successfully tested against a variety of pathogens. US patents pending (Publication # 2006/009722 and 2006/0099121). Partners are sought for licensing, development & commercialization.



Contact for commercialization opportunities
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