

Joint Service Personnel/Skin Decontamination System (JSPDS)

INVESTMENT COMPONENT

Modernization

Recapitalization

Maintenance



MISSION

To provide the warfighter with skin decontamination capacity, after exposure to chemical/biological warfare agents, in support of immediate and thorough personnel decontamination operations.

DESCRIPTION

The Joint Service Personnel/Skin Decontamination System (JSPDS) Increment I, Reactive Skin Decontamination Lotion (RSDL), provides enhanced capabilities to immediately reduce chemical warfare agents and biological warfare agents from skin. RSDL provides the warfighter with improved capability over the existing M291 Skin Decontaminating Kit to reduce lethal and performance-degrading effects. Additionally it can be used to decontaminate individual equipment, weapons, and casualties on unbroken skin. RSDL is a commercially available product that has been approved for medical use by the U.S. Food and Drug Administration.

The JSPDS program supports an evolutionary acquisition strategy using incremental and spiral development. Increment I will provide hazard reduction efficacy capabilities greater than the M291 SDK for chemical warfare agents and equal capabilities for biological hazard reduction. The structure of the JSPDS program will allow the flexibility to accelerate fielding of capability enhancements through the use of commercial products. Increment II will provide increased hazard reduction efficacy capabilities on skin of nontraditional agents and toxic industrial chemicals, BW agents, and radiological and nuclear hazards. It can also be used for open-wound exposures.

SYSTEM INTERDEPENDENCIES

RSDL is compatible with all chemical, biological, radiological, and nuclear individual protective equipment, detectors, and decontaminants as well as small arm weapons.

PROGRAM STATUS

- **1QFY09:** Continue production

PROJECTED ACTIVITIES

- **2QFY10:** Initial operational capability

ACQUISITION PHASE

Technology Development

Engineering & Manufacturing Development

Production & Deployment

Operations & Support

**Joint Service Personnel/Skin
Decontamination System (JSPDS)**

FOREIGN MILITARY SALES

None

CONTRACTORS

Bracco Diagnostics, Inc. (Montreal,
Canada)

