



# Sorbent Decontamination System, M100

**Description:** The M100 Sorbent Decontamination System (SDS) is intended to replace the M11 and M13 Decontamination Apparatuses: Portable (DAPs) currently employed in operators' spraydown operations associated with immediate decontamination. Each M100 SDS consists of: two 0.7 lb packs of reactive sorbent powder; two wash mitt-type sorbent applicators; case, straps, and detailed instructions. An optional chemical agent resistant mounting bracket is also available. The M100 SDS uses a reactive sorbent powder to remove chemical agent from surface. Use of the M100 SDS *decreases decontamination time and eliminates the need for water. The M100 SDS weighs less than an M11, and fits into a 3-1/4" x 6" x 14-1/2"* size envelope. The M100 SDS mounting bracket is designed with the same mounting hole configuration as the M11s', allowing for easy replacement.



**Mission:** Replace the M11/M13 DAP and associated DS2 used in Operator's spraydown (Immediate Decon) with a reactive sorbent powder.

**User:** USA, USAF, USMC, SOF.

## Capabilities:

- Fits the M11's size envelope and weighs less
- Allows two operators to perform simultaneous decontamination operations, thereby decreasing time requirements
- The reactive sorbent powder is non-toxic and non-corrosive
- The M100 SDS requires *no water* to complete mission
- The M100 SDS is designed to operate at temperatures between -25 and 120 °F
- Decontaminates a 12.5 m<sup>2</sup> surface contaminated with 10g agent per m<sup>2</sup> surface *in less than 15 minutes*



## Improvements:

- Provides greater decon area coverage than the M11 DAP
- The M100 SDS has a shelf-life greater than 10 years
- The reactive sorbent powder does not interfere with operation of NBC detectors and monitors (e.g., ACADA, M43A1, CAM, M8 and M9 papers)
- The reactive sorbent powder is environmentally friendly and poses no storage or transportation risks



For additional information, please contact Product Manager-Obscuration and Decontamination Systems, ATTN: AMSSB-PM-RNN-O, Aberdeen Proving Ground, MD 21010-5424. The Product Manager may also be contacted by E-mail ([pm.ods@sbccom.apgea.army.mil](mailto:pm.ods@sbccom.apgea.army.mil)), by telephone at (410) 436-2804 or DSN 584-2566, or by fax to (410) 436-1383.