

# M2DCON

## SSDX-12

Aircraft Cleaning/Decontamination Solution

SSDX-12® is a concentrated detergent that is certified for use on U.S. military aircraft, and is very effective for general aircraft under MIL-PRF-87937 as a type IV heavy duty water dilutable cleaner. Used for general cleaning, SSDX-12® has been shown to be compatible with industrial wastewater treatment facilities.

SSDX-12® is non-hazardous and is pH neutral (pH 7.0-7.8) for greater operator comfort and acceptance. SSDX-12® has no shipping restrictions, is biodegradable, requires no special applicator, and is non-corrosive.

SSDX-12® is a very concentrated surfactant formulation; because it cleans effectively even at high dilutions, it provides excellent value in cost per use – no need to buy, ship and store water, as in more dilute detergents.

In addition to cleaning routine cleaning of aircraft, SSDX-12® is an excellent facility (maintenance bays, hangers, hallways, floors etc.) cleaner at heavy maintenance installations. It prevents the spread of heavy metal contamination and is compatible with industrial wastewater treatments to recover heavy metal contamination prior to discharge.

It was originally developed as a non-reactive, non-corrosive decontaminant to remove chemical and biological warfare agents from sensitive equipment.



### Specifications and Approvals:

- MIL-PRF-87937 Performance Specification Cleaning Compound, Aerospace Equipment Type IV Heavy Duty, Water Dilutable Cleaning Compound
- AMS 1626C Cleaner for Aircraft Exterior Surfaces Water-Miscible, Pressure-Spraying Type
- British Aerospace AIRBUS AIM09-00-002 External and General Cleaners
- Boeing D6-17487 Revision T Exterior and General Cleaners and Liquid Waxes, Polishes and Polishing Compounds
- Douglas Aircraft Company Customer Service Document CSD No.1 Type 1: Materials and Procedures for General Exterior Cleaning of Painted and Unpainted Surfaces

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**Application:** SSDX-12® can be applied by spraying, brushing or foaming.

- For Routine Cleaning of Aircraft use 30:1 water to SSDX-12® or as needed (3.25% soap solution).
- For Facilities cleaning use 65:1 water to SSDX-12® (1.5% soap solution).
- For Chemical and Biological Decontamination use 4:1 to 15:1 water to SSDX-12® (20% to 6.25% soap solution).

**Safety:** Not a hazardous substance or mixture. Please see Safety Data Sheet for SSDX-12® for additional details.

### Physical Properties:

- pH (undiluted) 7.8
- pH (10%) 7.0
- Insoluble Matter <0.01%
- Biodegradable 95% in 28 days
- Nonvolatile Matter 25.2%
- Flash Point Not observed to water boiling point, 212°F
- Volatile Organic Compounds (VOC) 0 (per EPA Method 24)
- Non-Precursor Organic Compounds (NPOC) None
- Non-reactive
- Non-corrosive
- No special applicators required



Model Number	Description
SS_DCON-CT12-03OZ	SSDX-12 Cleaning/Decontamination Solution - Twelve(12) 3oz bottles per carton
SS_DCON-CT01-05GL	SSDX-12 Cleaning/Decontamination Solution - 5 gallon bucket
SS_DCON-CT01-55GL	SSDX-12 Cleaning/Decontamination Solution - 55 gallon drum

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**About our family of decontamination companies** - Our core team brings greater than 35 years of experience to formulate the solution to meet the needs of our Customers. We focus on decontamination and other aseptic technologies in the form of consumable products and capital equipment. With greater than 25 patents and extensive collaborative research with Government laboratories (US Army ECBC, US Air Force AFRL, Dugway Proving Grounds, etc.), our team has proven experience developing and manufacturing state of the art decontamination equipment and solutions to meet the most challenging requirements of our Customers.