	Cincinnati Fire Department Fire Training Supplement DRILL BOOK	SECTION # General Fire Fighting
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TOPIC # 12: CLEANING AND DISINFECTING THE SCBA

The SCBA should be cleaned and disinfected with each use, or if during inspection it is noted that the mask is in need of cleaning and/or disinfecting. Confidence Plus Cleaning Solution from MSA is available through Central Stores and should be maintained at each company for the purpose of cleaning the SCBA and its associated parts. The Confidence Plus Cleaning Solution cleans and disinfects in one operation, it does not deteriorate the rubber, plastic, or metal parts.

DO NOT use any cleaning substance/solution that may attack any part of the SCBA

DO NOT Use alcohol or alcohol swabs to clean the mask or its parts, alcohol should not be used as a germicide because it may deteriorate rubber parts.


If not rinsed thoroughly, the Confidence Plus cleaning agent residue may irritate the wearer's skin.

1. Preparing the Cleaning Solution

- a. Follow the instructions on the Confidence Plus bottler for mixing. The mixed solution should be sprayed onto the surface to be cleaned.
- b. If the Confidence Plus Cleaning Solution is not available, wash the parts in a mild soapy solution and rinse thoroughly.

2. Clean and Disinfect the Facepiece

- a. Remove the mask mounted regulator from the facepiece.
- b. Remove the I-HUD from the facepiece, care must be taken to ensure that the I-HUD is pulled up and out with equal force on both sides of the I-HUD.
- c. Remove the Clear Command Voice Amplifier.
- d. Thoroughly wash the facepiece (and nose cup) in the cleaning solution. A soft brush or sponge can be used to clean the soiled facepiece.
- e. Rinse the facepiece and components in clean, warm water (Preferably running and draining).
- f. Clean the pressure-demand exhalation valve by pressing in on the stem with a blunt object and flushing it with clean water.
- g. Allow the facepiece to air dry. Do not allow water to sit inside the facepiece. Do not dry the parts by placing them near a heater or in direct sunlight as it will deteriorate the rubber.
- h. Operate the exhalation valve by hand to be sure it works properly.
- i. When the facepiece is thoroughly dry, install the I-HUD and reattach the Clear Command Voice Amplifier. The facepiece can then be stored in the bag in which it was issued.

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3. Cleaning the Harness Assembly and other Parts

In general, only the facepiece requires cleaning and disinfecting after each use. If the SCBA is soiled (i.e. heavy smoke residue or dirt accumulation) use a sponge dampened with a mild soapy solution or use a soft/medium bristle brush to remove deposits that may interfere with normal operation of the following parts

- a. Harness (straps and buckles)
- b. Cylinder Carrier (band and latch assembly)
- c. Cylinder (handwheel, gauge, outlet connection)
- d. Audi-Larm Alarm (bell and coupling nut connection)
- e. Firehawk M7 I-HUD
- f. Firehawk M7 Control Module
- g. Firehawk M7 Power Module
- h. Second Stage (mask mounted) Regulator. Cover the outlet to prevent water, dirt, or debris from entering.

4. Inspect the entire SCBA as it is reassembled

All repairs and replacement of subassemblies must be performed by the Mask Service Unit or either Heavy Rescue Company.