

## General Cleaning

For general cleaning, Motorola Solutions recommends mixing one tablespoon of mild dishwashing detergent to one gallon of water (0.5% solution) to clean the external surfaces of the radio. The solution should be applied sparingly with a stiff, non-metallic, short bristled brush, making sure excess detergent does not get entrapped near the connectors, controls or crevices. Do not submerge the radio in the detergent solution. Place the radio under a faucet for rinsing. The radio should then be dried thoroughly with a soft, lint-free cloth.

## Alcohol

An alternative cleaning method is to wipe the housing plastic down with over-the-counter isopropyl alcohol (rubbing alcohol) with no more than 90% isopropyl alcohol concentration. When cleaning with isopropyl alcohol, the alcohol should never be applied directly to the radio. It should be applied to a rag first, then the radio can be wiped down by the rag. Avoid rubbing labels or adhesive areas with the alcohol-soaked rag.

## Decontamination

If there is a risk that the radio and attached accessories may have been exposed to harmful pathogens or carcinogens, the following cleaners have been approved for use on APX series portable radios. For maximum efficacy, it is recommended that the contaminated radio first receive a “general cleaning” as detailed above. Then:

- For pathogen decontamination, apply “Zep DZ-7” per manufacturer's instructions
- For carcinogen decontamination, wipe down the radio with either “Hygenall FieldWipes” or “Enspire Fire Wipes” per the manufacturer’s instructions

**IMPORTANT:** Motorola Solutions, Inc. is unable to, and did not, determine whether any particular cleaning product is effective in removing specific foreign substances (including viruses) from the radio. However, the above cleaners and processes have been approved for use by Motorola Solutions, Inc. related to their less degrading effect on the physical radio. Please consult the chemical manufacturer’s documentation for specifics on cleaning product efficacy with regards to foreign substances (such as viruses).

**Note: We do not recommend cleaning with chlorine-based solvents, as they may deteriorate the plating used to protect the exposed metal chassis.**