



## FIRST RESPONDER PRODUCTS

1 Innovation Court  
Dayton, OH 45414  
www.honeywell.com

# **Cleaning and Sanitization Guidance Recommendations to Address Turnout Clothing Potentially Contaminated During COVID-19 Incidents**

## **General Guidance**

As of 3 April 2020, specific guidance from the Center for Disease Control (CDC) for the washing of clothing that is contaminated by SARS-CoV-2, the virus responsible for COVID-19, can be found at:

<https://www.cdc.gov/coronavirus/2019-ncov/community/organizations/cleaning-disinfection.html>

For clothing, this guidance includes the following recommendations:

- In order to minimize the possibility of dispersing virus through the air, do not shake dirty laundry.
- Wash items as appropriate in accordance with the manufacturer's instructions. If possible, launder items using the warmest appropriate water setting for the items and dry items completely. Dirty laundry that has been in contact with an ill person can be washed with other people's items.
- Clean and disinfect hampers or other carts for transporting laundry according to guidance above for hard or soft surfaces.

## **General Sanitization and Cleaning Procedures**

Honeywell First Responder Products specifies that structural firefighting protective clothing be subject to both sanitization and cleaning in accordance with NFPA 1851, *Standard on Selection, Care, and Maintenance of Protective Ensembles for Structural Fire Fighting and Proximity Fire Fighting*. This standard is available from the National Fire Protection Association and can be viewed on-line at:

<https://nfpa.org/codes-and-standards/all-codes-and-standards/list-of-codes-and-standards/detail?code=1851>

Chapter 7 provides specific minimum procedures for the sanitization and cleaning of clothing that defines the types of machines, cleaning agents or sanitizers, and overall procedures that must be used for sanitization and cleaning of different structural firefighting ensemble elements including protective garments. The associated annex for this chapter gives specific recommendations for how to interpret and carry out these procedures.

## **Specific Sanitization and Cleaning Procedures**

Consistent with NFPA 1851 and specific recommendations provided by the International Association of Fire Fighters (IAFF) at <https://www.iaff.org/wp-content/uploads/Quick-Reaction-Guide-FF-Protective-Clothing-Flyer.pdf>, Honeywell Fire Responder Products recommends the following procedures for sanitizing and cleaning firefighter protective garments:

1. Apply sanitization in accordance with the Sanitization Procedures specified above with the following additional procedures:
2. Use a sanitizer/disinfectant specifically identified by the EPA for use against SARS-CoV-2.  
<https://www.epa.gov/pesticide-registration/list-n-disinfectants-use-against-sars-cov-2>  
 Ensure that the selected disinfectant or sanitizer does is compatible with firefighter clothing and for use as a laundry additive. Do not use any disinfectant that can compromise the performance of the protective garments.
3. Following sanitization, apply specialized cleaning in lieu of advanced cleaning where the principal difference is the use of warmest possible wash temperatures up to a maximum of 140°F (60°C).

Where specific procedures are not provided for the use of a sanitizer, use the suggested procedures that are found in Section A.7.4.4.1 in NFPA 1851-2020. Where a washer/extractor is used for sanitization, the following procedures have been recommended:

Step	Action
1	Fill to a maximum of 35°C (95°F) on low
2	Inject disinfectant
3	Wash/soak for 10 minutes*
4	Drain for 1 minute
5	Extract on low for 4 minutes

\* Perform advanced cleaning after disinfecting soak

*Any specific questions related to this guidance should be directed to your local Honeywell Dealer or Distributor, or Honeywell First Responder Products at 800-688-6148.*