



Enviro Solution

BENEFITS

- ◆ Formulated to remove stubborn smoke, soot, perspiration, hydrocarbons and soils resulting from fires and chemical spills while maintaining the integrity of turnout gear.
- ◆ Meets the recommendations set forth by NFPA 1851, 2008 edition related to detergents used for the cleaning of turnout gear.
- ◆ Concentrated formula.
- ◆ Non-corrosive to metals.
- ◆ Will not leave a residue.
- ◆ Will not harm Nomex®, Kevlar®, PBI®, leather reinforcements, trim, or liner materials.
- ◆ Can be used in all cleaning applications (machine or hand washing).
- ◆ Eco-Friendly – 100% Biodegradable.

Soiled and improperly maintained turnout gear seriously endangers the lives of firefighters and rescue personnel. Hydrocarbons from fire, smoke and ash become embedded in the protective fabrics, therefore reducing thermal protection which causes turnouts to absorb more radiant heat. When exposed to the right situation these contaminants on PPE are flammable and a conductor of electricity rather than an insulator. It is specifically developed to effectively clean Bunker and Turnout Gear (PPE's). Safe to use on all outer shell fabrics, reflective trims, hardware, knee pads, suede, leather, Arashield, Moisture Barriers and Thermal Liners.



Firefighter Turnout Gear Proper Cleaning Procedures

Procedures for Cleaning in a Utility Sink

1. Do not overload sink.
2. Pre-treat with cleaning solution (4 oz. per gallon) if necessary.
3. Water not to exceed 105°F degrees.
4. Add cleaning solution (1 oz. per gallon).
5. Wear protective gloves and eye/face splash protection.
6. Scrub gently using a soft bristle brush. Use care with moisture barrier assemblies.
7. Drain water from sink.
8. Refill sink; agitate gently using gloved hand or stir stick.
9. Gently wring out garments and drain water.
10. Repeat 7 and 8 until garment is rinsed.
11. Dry the elements.
12. Inspect and rewash if necessary.
13. Rinse out sink.

Procedures for Machine Washing

1. Do not overload the machine.
2. Pre-treat with cleaning solution (4 oz. per gallon) if necessary.
3. Fasten all closures, including pocket closures, hook and loop, snaps, zippers and hooks.
4. Turn garment inside out and place in a mesh laundry bag.
5. Wash temperature not to exceed 105°F.
6. Add cleaning solution (2 oz. per load).
7. Run one complete cycle, rinsing at least twice.
8. Dry the elements.
9. Inspect and rewash if necessary.

Procedures for Routine Spot Cleaning

Perform the following steps after each use:

1. Brush off debris.
2. Rinse with water.
3. Pre-treat with cleaning solution (4 oz. per gallon) if necessary.
4. Lightly scrub item with soft bristle brush if needed.
5. Spot clean if needed.
6. Inspect item.
7. Clean again as necessary.

Procedures for Cleaning Inside of Vehicles and on Turnout Gear

Use in a pump up sprayer to clean the inside of vehicles and to spray on turnout gear.

1. Mix at a 1:20 ratio.
2. 1 part of product.
3. 20 parts of water.