


PPE Decontamination Soap Product Comparison

Reference	Standard Definition		CITROSQUEEZE®	Chief's Choice	Station Care 1851
7.3.7	Detergents and other cleaning or pre-treatment chemicals must be appropriate for the textiles being cleaned.	<p>The most sophisticated formula for Turnout Gear cleaning and decontamination. We built Dragon Soap to meet and exceed the NFPA 1851 standard!</p>	Undetermined	Undetermined	Contains DDBSA* (CAS: 25155-30-0) which is a common component of car wash and dish detergent.
7.3.7.1	Chlorine bleach, chlorinated solvents, or other solvents should not be used without the manufacturer's approval. The detergent must be mild.	<p>Free of corrosive compounds!</p>	Contains chemicals that pose an inhalation hazard as well as chemicals banned in Europe due to health hazards.	Contains benzyl alcohol – known to cause contact dermatitis to a large percentage of the population.	Contains a chemical recently banned in Europe due to health hazards.
7.3.7.2*	For advanced cleaning, a mild detergent with a pH range of not less than 6.0 pH and not greater than 10.5 pH as indicated on the product safety data sheet (SDS) or original product container shall be used.	<p>Nearly neutral in pH at 7.5!</p> <p>Free from dyes/synthetic fragrances, contains no carcinogens, biodegradable with no harsh solvents.</p>	pH of 9	pH of 10.5!	pH of 7.6
7.3.7.3*	Selected detergents and cleaning agents shall not knowingly cause significant long-term degradation of an ensemble or ensemble elements performance when applied at the expected cleaning frequency for over the service life of the ensemble or ensemble elements.	<p>Uses pine oil instead of d-limonene to avoid aggressive results on zippers, adhesives, Velcro, etc.</p>	Contains D-limonene - harsh on adhesives and Zippers.	Contains sodium tetra-borate (borax) - which is classified as a corrosive.	*DDBSA often has to be neutralized with extremely alkaline compounds.