CHEMGUARD FP-5103

High Performance Anionic Fluorosurfactant

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Product Description

CHEMGUARD FP-5103 is an anionic Poly-perfluoroalkylated polyamino acid at 33% actives; useful in forming an excellent polar solvent vapor barrier in AR-AFFF agents. CHEMGUARD FP-5103 is soluble in tap and sea water and fully compatible with anionic, amphoteric, and nonionic surfactants. CHEMGUARD FP-5103 has a positive interaction with polysaccharides in both tap and sea water.

Typical Properties[1]:

Appearance	Clear, brown, viscous liquid,
Composition	33% Actives, 9% sodium iodide/chloride, 2% hexylene glycol, 3% n-butanol, 53% water
Density	1.1 g/ml at 25°C
Flash Point	>93°C (>200°F) Pensky-Martens, closed cup
pH	8.0 – 9.0

[1] Not for specification purposes.

Storage and Shelf Life

Chemguard FP-5103 should be stored between 10°C and 50°C. Some solids begin to separate at temperatures below 10°C over time. If frozen or if solids separate, warm to room temperature before use. Freezing and thawing will not affect the properties or performance.
Shelf life is at least one year if stored tightly sealed in the original container at temperatures below 50°C (151°F).

Health and Safety

Chemguard does not recommend this product for use in applications involving repeated exposure to skin contact, inhalation, or ingestion. This product is not intended to be used for medical, cosmetic, food or pharmaceutical applications.
Chemguard Fluorosurfactants do not contain PFOS, PFOA or derivatives that decompose them. All perfluoro-intermediates are derived from the telomerization process.

Please refer to the material safety data sheet (MSDS) for recommended disposal, handling, and protection information.

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