



CHEMGUARD HS-100

Polymeric Anionic Hydrocarbon Surfactant

DESCRIPTION

Chemguard HS-100 is a 45% active proprietary anionic hydrocarbon surfactant useful in the preparation of highly fluorine efficient AFFF agents. It does not interfere with fluorosurfactant action, allowing the fluorosurfactant to obtain optimal performance. Chemguard HS-100 provides enhanced foam expansion and drain time when used at 0.5 – 1.5% in 3% AFFF agents. When used at the above concentration range, Chemguard HS-100 improves foam fluidity, thereby increasing fire extinguishing rate.

FEATURES

- Active agent is a proprietary polymeric anionic hydrocarbon surfactant having zero fluorine content.
- Compatible with anionic, amphoteric, and nonionic hydrocarbon or fluorocarbon surfactants.
- Use at 1.0% in any AFFF agent to improve extinguishment time by about 30 seconds.
- Recommend use at 1.0% to improve AFFF performance from sprinkler heads.
- Chemguard HS-100 is soluble and performs well in tap, brackish or sea water
- Effective in reducing surface and interfacial tension at low concentrations.
- Manufactured only by Chemguard since 1999.

TYPICAL PROPERTIES AT 77°F (25°C)

Specific gravity - 1.14 g/ml
Refractive Index - 1.428
Actives - 45%
pH - 8.6
Viscosity - 6000 cps.

ENVIRONMENTAL IMPACT

Chemguard HS-100 is a 100% biodegradable polymer. It is a strong foamer which would likely require the use of a defoamer prior to going to treatment facilities.

Please refer to Chemguard Technical Bulletin regarding foam products and the environment.

STORAGE

Store at 50 – 100° F. At low temperatures, product viscosity increases and reduces pumping rate.

ORDERING INFORMATION

Chemguard HS-100 is available in 330-gallon plastic bulk drums or can be shipped in bulk.

SHIPPING WEIGHT

330 Gal. Bulk Drum 2800 lbs.