



CHEMGUARD F-102R

CHEMGUARD F-102R is a highly concentrated, proprietary blend of CHEMGUARD fluorosurfactants. This "superconcentrate" has been designed to be used primarily for the formulation of high efficiency AR-AFFF concentrates that meet the requirements of UL Standard (UL 162). It can be diluted directly with fresh (tap) water and appropriate amounts of hydrocarbon surfactants, gum and solvents to manufacture AR-AFFF's (3 and 6%). With CHEMGUARD F-102R, one can also formulate AFFF products that can meet other specifications.

Typical Properties¹:

Appearance	Clear, colorless to yellow, light green liquid
Composition	36.6% actives, 19.4% solvents, 44% water
Density	1.135g/ml at 25°C
Flash Point	27°C (80°F) Pensky-Martens Closed Cup
pH	5.4 – 6.4
Refractive Index	1.395 at 25°C
Freezing Point	-6°C (DSC 5°C/min heating rate)
Stability	Store between 5°C and 50°C. Some solids will separate out at temperatures below 5°C over time. If frozen or solids separate out of the product, bring it to room temperature to return product to a clear liquid. Freezing and thawing will not affect the properties or performance.

¹ Not for specification purposes.