SURTECH CR-125

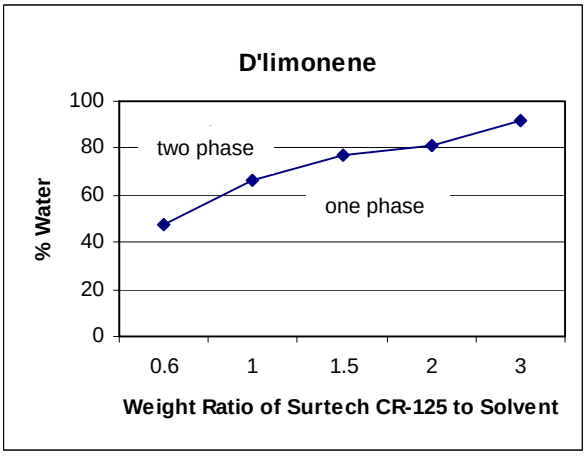
A Versatile Surfactant for Microemulsion Products

Surtech CR-125 is a highly versatile component for cleaners where high foam and excellent detergency for oleaginous soils are required. It has excellent detergency as a sole component; microemulsions with D'limonene, ester, and hydrocarbon solvents are highly effective. Based on a new product concept, **Surtech CR-125** is:

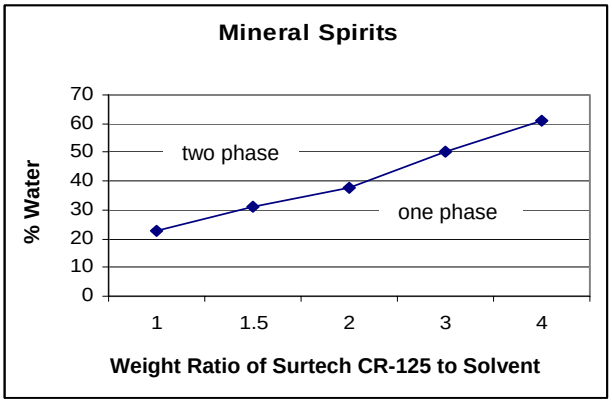
- Soluble in acidic and basic solutions, and in built formulations.
- A low viscosity liquid at 100% active, and miscible in all proportions with water with no gel formation.
- A high, stable foaming surfactant.
- Low odor, low color
- Compatible with anionic, cationic, and nonionic surfactants at nearly all pH values.
- Expected to be biodegradable and non-toxic.

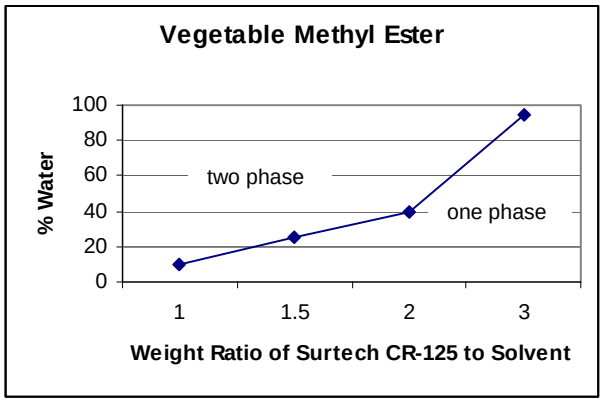
Typical Properties

Active Concentration	100%
pH at 10%	7-8
Density	0.96 g/cc
Viscosity	320 cps
Appearance	Clear viscous light yellow liquid



Surtech CR-125 forms microemulsions over broad ranges of concentrations with many common solvents used in cleaning compositions. Cosolvents are not required, and gelled liquid crystalline phases do not form.
The maximum weight percent water that can be added to varying ratios of surfactant-solvent mixes while maintaining clear microemulsions are illustrated in the figures. The micro-emulsions remain stable on extended storage.





Surtech CR-125 in a highly versatile component for formulating cleaners and other products containing solvents for the household and I&I markets, and for transportation cleaners and maintenance products.

- It is an efficient microemulsifier for commonly used solvents.
- The microemulsions are compatible with a broad range of surfactants and builders.
- The microemulsions are minimally temperature sensitive.
- Microemulsions with d'limonene and mineral spirits are safe for automobile finishes.

Surface Chemists of Florida, Inc.
1303 Park Lane South • Jupiter, FL 33458
Tel. (561) 745-8774 • Fax (561) 745-8737
www.surfacechemists.com