

AmberClean™ 555

High Purity Surfactant Blend

Description

AmberClean 555 is a unique high purity blend of surfactants and synthetic detergents formulated to drastically reduce surface tension and impart water break-free surfaces. This formula is used in highly technical aqueous cleaning operations often encountered in the thin film/MR head fabrication industry, as well as other critical cleaning applications. AmberClean 555 contains almost no anion and cation contaminants, facilitates the removal of process particulates associated with the manufacture of microelectronic components, and will not leave residues or films.

Features and Benefits

- Contains <5 ppm total anion and cation contaminants
- Cleans combinations of process chemicals and residues effectively
- Reduces surface tension to <20 dynes/cm at 0.2%
- Non-caustic, non silicate and safe to use
- High cloud point in aqueous solutions
- Does not contain hazardous solvents
- Biodegradable and poses no environmental health risks
- Will not leave films or residues

Typical Physical Properties

Appearance	clear, yellow liquid
Specific gravity @20°C	1.08
Lbs./gallon	8.97
pH (5% solution)	6.2
Total anion content, Max. ppb	500
Cloud point (0.2% solution)	80°C
Flash point	None

Recommended Process Parameters

AmberClean 555 should be diluted with deionized water to a concentration of 0.2% - 1.0%.

Availability

Bulk, 55 gallon drums, 5 gallon pails, 1 gallon containers

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