

AmberClean™ 558

High Purity Surfactant Blend

Description

AmberClean 558 is a unique, high purity blend of nonionic surfactants designed to remove process residues and particulate contaminants from the surface of sensitive microelectronic components. It is recommended for use in highly technical, aqueous cleaning processes such as those encountered in the fabrication of thin film, MR and GMR heads. AmberClean 558 contains almost no anion and cation contaminants, and will not leave residues or films. It is formulated to be non-aggressive toward exotic metal alloys.

Features and Benefits

- Effectively cleans process residues and particulate contamination
- Reduces surface tension to <20 dynes/cm at 0.2%
- Non-aggressive towards exotic alloys
- Nonionic formula will not leave films or residues
- Contains <500 ppb total anion and cation contaminants
- Does not contain hazardous or volatile solvents
- Will not harm sensitive microelectronic devices
- Biodegradable and poses no environmental or health risks

Typical Physical Properties

Appearance	clear, yellow liquid
Specific gravity @20°C	1.018
LBS/gallon	8.50
pH (1% solution)	7.5
Flash point	None
Total anion content, Max. ppb	500
Cloud point (0.2% solution)	80°C

Recommended Process Parameters

AmberClean 558 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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