

AmberClean™ 203E

High Purity, Waterless Cleaner

Description

AmberClean 203E is a high purity waterless cleaner formulated to replace highly flammable solvents in critical cleaning applications. AmberClean 203E has a low surface tension that facilitates the removal of process fluids, abrasives, wax, flux and other contaminants associated with electronic components such as heads, discs, wafers and printed circuit boards. AmberClean 203E is not flammable, but can be dried from parts using clean dry air, nitrogen or other inert gases. AmberClean 203E can be used in wipe, immersion, ultrasonic or spray applications.

Features and Benefits

- Low surface tension of 27 dynes /cm
- Will not etch metals such as Al, Ni, Fe, Mn, Co or tin and their alloys
- Cleans combinations of process fluids and their residues effectively
- Contains no water for critical GMR requirements.
- Is not aggressive towards ceramic or composite materials
- Contains no corrosive anions, such as chloride, sulfate or fluoride
- Will not leave films or residues
- Biodegradable and poses no environmental or health risks
- Low conductivity, < 5 µS

Typical Physical Properties

Appearance	Clear, amber liquid
Specific gravity @20°C	0.970
LBS/gallon	8.07
pH (5% dilution in DI water)	5.0
Surface Tension	27 dynes/ cm ²
Flash point	~150 °F (est. PMCC)

Recommended Process Parameters

AmberClean 203E should be used concentrated and should not be heated above its flash point.

Availability

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

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