

# AmberClean™ 203N

## High Purity, Waterless Cleaner

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### Description

AmberClean 203N is a high purity waterless cleaner formulated to replace highly flammable solvents in critical cleaning applications. AmberClean 203N has a low surface tension that facilitates the removal of process fluids, residues and other contaminants associated with electronic components such as printed circuit boards. AmberClean 203N is also formulated with special corrosion inhibitors to eliminate the corrosion potential of GMR and advanced head designs. It is not flammable, but can be dried from parts using clean dry air, nitrogen or other inert gases. AmberClean 203N can be used in wipe, immersion with or without agitation, ultrasonic or spray applications.

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### Features and Benefits

- **Low surface tension of 30 dynes /cm**
- **Will not etch Al, Ni, and Fe alloys, manganese, copper or cobalt**
- **Cleans combinations of process fluids and their residues effectively**
- **Contains no water for critical GMR requirements.**
- **Will not corrode exotic alloys used in GMR and advances heads**
- **Contains no corrosive anions, such as chloride, sulfate or fluoride**
- **Biodegradable and poses no environmental or health risks**
- **Will not leave films or residues**

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### Typical Physical Properties

Appearance	Clear, amber liquid
Specific gravity @20°C	1.03
LBS/gallon	8.61
pH	Not applicable
Surface Tension	30 dynes/ cm <sup>2</sup>
Conductivity	<5 µS
Flash point	180 °F (est)

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### Recommended Process Parameters

AmberClean 203N should be used concentrated and should not be heated above its flash point. For critical processes a final rinse with IPA is recommended for producing a dry part.

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### Availability

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



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