

AmberClean™ SCA23R

Aqueous Ceramic Cleaner

Description

AmberClean SCA23R is a biodegradable, aqueous cleaner which does not contain volatile organic compounds (VOCs). It is specifically formulated to clean and disperse sapphire, SiC and other ceramic lapping and polishing fines as well as aluminum oxide, diamond, silicon carbide and silica abrasives. Additionally, the surfactant technology employed by AmberClean SCA23R is designed to cut through and remove, and other process residues without harming ceramic substrate surfaces. AmberClean SCA23R also removes metal oxide and carbon stains, which can be left by lapping plates.

Features and Benefits

- Cleans slurries and other process residues effectively
- Does not contain hazardous solvents (no VOCs)
- Biodegradable and poses no environmental or health risks
- Non-aggressive toward sapphire
- Will not leave films or residues
- Non-silicate and safe to use
- Effectively removes stains caused by process fluids and metal oxides

Typical Physical Properties

Appearance	Clear, amber liquid
Specific gravity (20 °C)	1.11
LBS/gallon	9.24
pH (concentrate)	2.65
Surface Tension, 1% in DI water (20 °C)	27.8 dynes/cm
Flash point	None

Recommended Process Parameters

AmberClean SCA23R should be diluted with deionized water to a concentration of 1.0% - 10.0% and used at a temperature of ambient - 65°C, depending on the application.

Availability

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



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