



SPECIALTY CHEMICALS / AQUEOUS CERAMIC CLEANER

AmberClean™ SCA23R



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.

TYPICAL PHYSICAL PROPERTIES

Appearance	Clear, amber liquid
Specific gravity, 20°C	1.11
Lbs/gallon	9.24
pH (concentrate)	2.65
Surface tension (concentrate)	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.

AVAILABLE PACKAGING

55 gallon drums, 5 gallon pails, 1 gallon containers

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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
- Can also be used as a sapphire cleaner/wax remover/sawing vehicles