



SPECIALTY CHEMICALS / HIGH PERFORMANCE AQUEOUS CLEANER

AmberClean™ 527L



AmberClean 527L is a biodegradable, aqueous cleaner that does not contain volatile organic compounds (VOCs). It is specifically formulated to remove process contaminants including silicon, ceramic and metal fines from substrate surfaces. Additionally, the dispersant technology employed by AmberClean 527L is designed to suspend and flush aluminum oxide, diamond, silica and silicon carbide slurries and process chemicals from substrates without leaving films or residues. AmberClean 527L should be diluted with deionized water and can be used in immersion tanks, ultrasonic tanks and contact cleaning systems, in addition to spray cleaning equipment.

TYPICAL PHYSICAL PROPERTIES

Appearance	Clear, amber liquid
Specific gravity, 20°C	1.1
Lbs/gallon	9.25
Surface tension @ 20°C (2% solution)	28.5
Surface tension @ 50°C (2% solution)	26.3
pH (1% solution)	9.5
Flash point	None

RECOMMENDED PROCESS PARAMETERS

AmberClean 527L should be diluted with deionized water to a concentration of 1.0% – 5.0% and used at a temperature of ambient to 65°C. A minimum temperature of 40°C is recommended for controlled applications. Generally, cleaning performance is doubled, or cleaning time halved, for a 10°C increase in cleaner temperature. Ultrasonic cleaning is strongly recommended to effectively remove sub 1µ particle contamination.

AVAILABLE PACKAGING

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

Saint-Gobain Surface Conditioning

4905 East Hunter Avenue, Anaheim, CA 92807

Tel: 714-701-3900 Fax: 714-701-3912

surfaceconditioning.saint-gobain.com

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FEATURES AND BENEFITS

- Very low foaming for spray, scrub and ultrasonic cleaning applications
- Effectively cleans and disperses diamond slurries
- Rinses easily without leaving residues
- Non-aggressive toward ceramic and other fabricated substrates
- Biodegradable and poses no environmental or health risks
- Formulated to minimize corrosive ions

SURFACE CONITIONING

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