

AmberClean™ 527M-1

Aqueous Ceramics Cleaner

Description

AmberClean 527M-1 is a biodegradable, high performance aqueous ceramics cleaner. The dispersant technology utilized in AmberClean 527M-1 is designed to effectively remove silica, alumina and ceria slurries and process chemicals from sapphire, quartz and other ceramic substrates in high precision cleaning applications. It is also formulated to flush and disperse fines and process contaminants from substrate surfaces without leaving films or residues. AmberClean 527M-1 should be diluted with deionized water for use in soak tanks, ultrasonic tanks and contact cleaning systems, in addition to high pressure spray cleaning equipment.

Features and Benefits

- Very low foaming for spray, scrub & ultra sonic cleaning applications
- Effectively cleans and disperses ceria, alumina & colloidal silica slurries
- Rinses easily without leaving residues
- Non-aggressive toward ceramics, metals and other fabricated substrates
- Biodegradable and poses no environmental or health risks
- Formulated to minimize ionic contamination

Typical Physical Properties

Appearance	clear, amber liquid
Specific gravity @20°C	1.05
Lbs./gallon	8.72
Surface Tension @20°C (2% solution)	28.1
Surface Tension @50°C (2% solution)	26.5
pH (concentrate)	9.50
Flash point	None

Recommended Process Parameters

AmberClean 527M-1 should be diluted with deionized water to a concentration of 1.0% - 2.0% and used at a temperature of ambient to 80°C.

Availability

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



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ISO 9001-2000 Certified

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