

AmberClean™ L53H

Aqueous Ceramic Cleaner

Description

AmberClean L53H is a biodegradable, aqueous cleaner which does not contain hazardous materials. It is specifically formulated to flush and disperse ceramic, silicon and other slicing and lapping fines from substrate surfaces. AmberClean L53H also emulsifies and removes oil residues such as those left by slicing coolants and wire saw slurries. Additionally, the surfactant technology employed by AmberClean L53H is designed to cut through and remove aluminum oxide, diamond, silicon carbide, and cerium oxide, as well as other process residues without harming delicate ceramic, glass or silicon substrates. A 5% solution of AmberClean L53H effectively lowers surface tension to <30 dynes/cm.

Features and Benefits

- Cleans diamond, SiC and other slurries and process residues effectively
- Non-aggressive toward ceramic, glass, silicon and other fabricated substrates
- Emulsifies and removes oil residues
- Reduces surface tension to <30 dynes/cm at 5%
- Biodegradable and poses no environmental or health risks
- Will not leave films or residues
- Non-silicate and safe to use

Typical Physical Properties

Appearance	clear, amber liquid
Specific gravity @20°C	1.02
LBS/gallon	8.50
pH (concentrate)	9.7
Flash point	None

Recommended Process Parameters

AmberClean L53H should be diluted with water to a concentration of 5.0% - 20.0% and used at a temperature of ambient - 150°F.

Availability

55 gallon drums, 5 gallon pails, 1 gallon containers

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