SPECIALTY CHEMICALS / HIGH PURITY CERAMIC SLICING COOLAND

AmberCut™ 345B

INNOVATIVE Organics

AmberCut™ 345B is a completely synthetic, water soluble coolant formulated for high tech ceramic manufacturing applications. Its unique formula contains very low levels of anion and cation contaminates such as chloride, sulfate, calcium and sodium making it excellent for use in clean room environments. AmberCut™ 345B is specifically designed with a high refractive index, so that its concentration may be monitored by Brix measurement. Additionally, AmberCut™ 345B combines a special corrosion protection package with a broad spectrum biocide to provide outstanding system protection. Recommended uses include cutting, slicing and grinding of ceramic materials such as quartz and sapphire.

TYPICAL PHYSICAL PROPERTIES

Appearance	Clear, amber liquid
Specific gravity, 20°C	1.12
Lbs/gallon	9.35
pH (concentrate)	9.0
Refractive Index N_D	1.411
Degree Brix (2.5%)	1.5
Flash point	None

RECOMMENDED PROCESS PARAMETERS

AmberCut™ 345B should be diluted with water to a concentration of 2.0% - 5.0%.

AVAILABLE PACKAGING

55 gallon drums, 5 gallon pails, 1 gallon containers

FEATURES AND BENEFITS

- Provides excellent lubrication for cutting, slicing and grinding
- High refractive index allows easy concentration monitoring
- Will not corrode ferrous or copper alloys
- Synthetic formula facilitates cleaning
- Biodegradable and poses no environmental or health risks
- Does not contain dyes or fragrances

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