



SPECIALTY CHEMICALS / AQUEOUS HARD SURFACE CLEANER

AmberClean™ L12H



AmberClean™ L12H is a hard water stable, multipurpose, biodegradable cleaner, that does not contain volatile organic compounds or ozone depleting substances. AmberClean™ L12H's unique water-based formulation is founded on new cleaning technology and, as such, possesses a degree of environmental and personal safety that exceeds typical cleaners for similar applications. AmberClean™ L12H's powerful surface active agents cut through and remove combinations of grease, oil, dirt, waxes, cutting fluids, lubricants and other organic contaminants from soiled surfaces. Saint-Gobain's proven corrosion inhibition technology protects metal surfaces during cleaning processes without the use of silicates. AmberClean™ L12H is well suited for immersion or hand-wipe applications and may be used with ultrasonic tanks, re-circulation tanks or other similar equipment.

TYPICAL PHYSICAL PROPERTIES

Appearance	Clear, amber liquid
Specific gravity, 20°C	1.01
Lbs/gallon	8.42
pH (concentrate)	8.40
Volatile organic compounds	0 g/l
Flash point	None
Theoretical oxygen demand (TOD)	0.50

RECOMMENDED PROCESS PARAMETERS

AmberClean™ L12H can be diluted with tap water, but soft or deionized water is recommended. It should be diluted to a concentration of 5.0% - 25.0% and used at a temperature of ambient to 140°F. A deionized water rinse is recommended following processing with AmberClean™ L12H. In applications replacing solvent or vapor degreasing, AmberClean™ L21, a non-silicated aqueous solvent cleaner should be used instead of traditional alkaline cleaners.

AVAILABLE PACKAGING

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

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FEATURES AND BENEFITS

- Designed to prevent corrosion on ferrous and nonferrous substrates including aluminum
- Does not contain chlorine, sulfur, phenols, nitrites, diethanolamine, silicone, silicates glycol ethers or hazardous solvents (no VOCs)
- Will not leave films or residues
- Cleans grease, oil and dirt combinations effectively
- Unique water-based formulation rinses easily and is low foaming
- Will not remove alodine
- May be ultra filtered for extended tank life

SURFACE CONDITIONING

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