



SPECIALTY CHEMICALS / AQUEOUS METAL CLEANER

AmberClean™ L12A



AmberClean L12A is a multipurpose, biodegradable cleaner that does not contain volatile organic compounds or ozone depleting substances. AmberClean L12A'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 L12A'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 L12A is well suited for immersion or hand-wipe applications and may be used with ultrasonic tanks, re-circulation pumps 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 L12A should be diluted with soft or deionized water 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 L12A.

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

Saint-Gobain Surface Conditioning believes that the data contained herein is factual and the opinions expressed are those of qualified experts. The data should not be taken as a warranty or representation for which Saint-Gobain Surface Conditioning assumes legal responsibility. Rather it is offered solely for the consideration, investigation and verification of the user. Any use of this information and data must be determined by the user in accordance with federal, state and local laws and regulations.

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

