

ELECTRON LVC



Low VOC Degreasing Solvent Product Data Sheet

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Description

ELECTRON LVC is a low VOC (98 grams/liter) solvent degreaser formulated without Class II ozone depleting substances. ELECTRON LVC will evaporate slightly slower than isopropyl alcohol (IPA) without leaving a residue. ELECTRON LVC is safe for use on ferrous and non-ferrous metals and is suitable for all types of electrical apparatus.

ELECTRON LVC meets the VOC requirements of Electrical Apparatus & Electronic Components for both Manufacturing and Repair & Maintenance Cleaning per SCAQMD Rule 1171. It also meets the Cleaning Solvents VOC limits per Rule 1124.

ELECTRON LVC is strong enough to remove grease, fuel oil, carbon and organic resins yet safe on most painted surfaces. After hand-wipe cleaning with ELECTRON LVC, surfaces are ready for painting, bonding or other critical applications.

Benefits

- Excellent solvency for a wide range of soils
- Evaporates quickly
- Leaves no residue
- Low VOC – meets various SCAQMD limits
- Controlled vapor pressure
- High Dielectric Strength

Applications

Use undiluted. Spray or wipe ELECTRON LVC on surface to be cleaned, oil dirt and carbon will flow off surface. Reapply if necessary. To speed the drying process, wipe the surface with a dry cloth or use compressed air.

ELECTRON LVC may also be used in dip or spray applications for the cleaning of motors, windings, bushings, etc. ELECTRON LVC will also remove RMA flux effectively without harming circuit boards.

Safety and Handling Precautions

ELECTRON LVC is a combustible material that should never be used around open flames, (welding torches, for example). Always use with adequate ventilation. Rubber gloves are recommended. Place rags in a metal sealable container after use to avoid possible spontaneous combustion. Keep container closed. Avoid excessive contact with fumes or liquid. Consult MSDS.

Key Physical Characteristics

<u>Property</u>	<u>Value</u>
Appearance	Clear colorless liquid
Odor	Sweet naphthalenic
Flash Point, Tag Closed Cup	109°F
Evaporation Rate (nBuAc=1)	Approx. 0.8
Specific Gravity	1.258
Composite Vapor Pressure	0.3 mm Hg @ 20°C
Dielectric Breakdown Voltage	36,000 volts ASTM D877
VOC Content	94 grams/liter
Distillation Range	280-320° F
Shelf Life	2 Years Minimum

Packaging

<u>Product Name</u>	<u>Part No.</u>	<u>Packaging</u>
ELECTRON LVC	055 -55	55 Gal Drum
ELECTRON LVC	055 -5	5 Gal Pail
ELECTRON LVC	055 -4	4 x 1 Gal Case
ELECTRON LVC	055 -1	12 x 18oz net Aerosol