

ELECTRON Aerosol



Environmentally Preferred Dielectric Solvent Product Data Sheet

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Description

ELECTRON (A) Environmentally Preferred Dielectric Solvent is an exceptional solvent degreaser formulated without chlorinated solvents or other hazardous ingredients. The base for ELECTRON (A) is a unique high-grade oil distillate, which provides its dielectric strength, allowing it to be used safely on all types of electrical apparatus.

ELECTRON (A) Environmentally Preferred Dielectric Solvent is strong enough to remove grease, fuel oil, carbon and organic resins yet safe on most plastic and rubber surfaces. Unlike other solvents, ELECTRON (A) can be used without extensive protective equipment. Common sense chemical precautions are required.

Benefits

- Contains no water
- Fully evaporative, leaves no residue
- No hazardous ingredients as defined by the EPA.
- No surface leakage of current in immediate residue tests
- High dielectric strength, (ASTM D-877 test procedures to 46,000 volts)

Applications

Use undiluted. Spray ELECTRON (A) on surface to be cleaned. Oil, dirt and carbon will flow off surface. If additional cleaning is required, wipe with rag or brush. Since ELECTRON (A) does not dry as rapidly as 1,1,1 trichloroethane, apply a light spray first, allow 5 minutes to work, then follow with a light spray as a rinse, which will push out the remaining soils. To speed evaporation, wipe with a dry cloth or use compressed air.

Key Physical Characteristics

<u>Property</u>	<u>Test Method</u>	<u>Typical Value</u>
Boiling Point, (IPB - FBP)	Calculated	320° F
Color, Saybolt	ASTM D-156	+30
Dielectric Strength (volts)	ASTM D-877	46,000
Flash Point, Tag Closed Cup	ASTM D-93	110° F
Moisture Content	ASTM D1533B	0.015% max.
Non-Volatile Residue	ASTM D-2369	< 100 ppm
Physical Form	Appearance	Clear liquid
Pounds per Gal, (15.6 C / 60° F)	Calculated	6.53
Pour Point	ASTM D-97	-40° F.
Solubility in Water (% @ 68° F)	Calculated	<0.10
Specific Gravity, (15.6° C / 60° F)	ASTM D-287	0.784
Surface Tension, (Dynes/cm @ 25° F)	Calculated	25
Vapor Pressure, (MM HG @ 68° F)	ASTM D-2879	.33 mm Hg
VOC Content	Calculated	784 gm/l

(N.A.= Not Applicable, N.E.= Not Established)

Safety and Handling Precautions

Precautionary measures: Contains hydrotreated distillate. Always use with adequate ventilation. Avoid vapors. May cause dizziness or headache. Avoid prolonged or repeated exposure to unprotected skin. Do not ingest. Avoid contact with eyes. Treat as combustible material. Keep container closed when not in use. Consult MSDS.

Packaging

<u>Product Name</u>	<u>Part No.</u>	<u>Packaging</u>	<u>National Stock No.</u>
ELECTRON (A)	365-1	12 x 16 oz net Aerosol	6850-01-371-8048