

PRO ELEC 55F

Dielectric Solvent with anticorrosive properties

Product Data Sheet



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Description

PRO ELEC 55F Environmentally Preferred Dielectric Solvent is an exceptional solvent degreaser formulated without chlorinated solvents or other hazardous ingredients. The base for PRO ELEC 55 F is a unique high-grade oil distillate, which provides its dielectric strength, allowing it to be used safely on all types of electrical apparatus with anticorrosive properties. With its high flash point, PRO ELEC 55F provides an unprecedented degree of user safety.

PRO ELEC 50F 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, PRO ELEC 55F can be used without extensive protective equipment. Common sense chemical precautions are required.

Benefits

- Fully evaporative, leaves no residue
- Not a flammable liquid - TCC Flash point above 140°F (60°C)
- High dielectric strength, (ASTM D-877 test procedures to 56,000 volts)
- Contains no water and provides an anticorrosive and water repellent protection against environment
- No hazardous ingredients as defined by the EPA.
- Contains no OSHA PEL or ACGIH TLV listed ingredients
- No SARA or RCRA listed ingredients

Applications

Use undiluted. Spray or wipe PRO ELEC 55F on surface to be cleaned. Oil, dirt and carbon will flow off surface. If additional cleaning is required, wipe with rag or brush. Since PRO ELEC 50F does not dry as rapidly as trichloroethylene, apply a light spray first, allow 5 minutes to work, then follow with a light spray as a rinse, which will push out the now soluble soils. To speed evaporation wipe with a dry rag, use compressed air. PRO ELEC 55F also works exceptionally well in filtered or unfiltered parts washers.

Key Physical Characteristics

Property	Test Method	Typical Value
Autoignition Temperature	ASTM E-659	220° C
Boiling Point, (IPB - FBP)	Calculated	176° C
Color, Saybolt	ASTM D-156	+30
Dielectric Strength (volts)	ASTM D-877	56,000
Flash Point, Tag Closed Cup	ASTM D-93	55° C
Kauri-Butanol No.	ASTM D-1133	58
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° C.
Power Factor, % @ 25° C	ASTM D-924	0.065
Refractive Index, 20C (68° F)	ASTM D-12181	.4385
Solubility in Water (% 20°@ 68°F)	Calculated	<0.10
Specific Gravity, (15.6°C / 60°F)	ASTM D-287	0.8112
Surface Tension, (Dynes/cm @ 4°C)	Calculated	25
Vapor Pressure, (MM HG @ 20°C)	ASTM D-2879	.30 mm Hg
VOC Content	Calculated	810 grams/liter
	Less Exempt	122 grams/liter

(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

Product Name	Packaging	National Stock No.
PRO ELEC 55F	10 LTS/ 25 LTS	Plastic Jerrican
PRO ELEC 55F	200 LTS	Plastic Drum
PRO ELEC 55F	1000 LTS	Plastic IBC