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Technical Data Sheet

PROPER 100E® Heavy Duty Electrical Parts Degreaser

I. Product Description

PROPER 100E® is a chlorinated solvent-based degreaser that is extremely effective in most heavy-duty applications. It dissolves grease, oil, tar, dirt, grime, corrosion, sludge and other stubborn substances to increase operating efficiency of electric motors, charred cables and equipment. **PROPER 100E®** evaporates quickly, is non-conductive, non-corrosive, and non-staining. **PROPER 100E®** is not dielectric, non-flammable and non-ozone depleting.

II. Applications

Recommended for the effective removal of grease, oil, corrosion, sludge and other contaminants from electric equipment such as electric motors, armatures, relays, electric panels, or generators. Also, for cleaning tools.

III. Features & Benefits

- **No Flash or Fire Point.** Significantly reduces the risk of fire caused by incidental contact with live electrical equipment or solvents trapped by insulating materials.
- **Fast Evaporation.** Minimizes downtime associated with "clean-in-place" cleaning methods.
- **Residue Free.** Prevents harmful buildup and eliminates rinsing or wiping.
- **No Class I or II Ozone Depleting Chemicals.** Alternative to 1,1,1 Trichloroethane products while complying with the EPA regulations on the use of ozone depleting chemicals.

IV. Physical Properties

Flash Point	None	Boiling Point	>250°F
Odor	Strong in high concentrations	Solubility	Slight in water
Appearance	Colorless liquid	% Volatile	100
Vapor Density	> air	Specific Gravity	0.960 @ 25°C
VOC Content (Fed)	Exempt	Surface Tension	32.3 dynes/CM
Sara Title III, Sect. 313 Chemicals	Yes	Propellant	No
Prop 65	Yes		

V. Specifications and Approvals

- ☐ Registered for use in commercial and industrial food facilities during maintenance.

VI. Performance Characteristics

ASTM D-56 (Flash Point)	None
ASTM D-877 (Dielectric Strength)	<15.000 Volts@25°C
ASTM D-1130 (KB Value)	95
Surface Tension	32.3 dynes/CM

VII. Directions

- ☐ Remove mechanical plates, covers, etc. to expose equipment interior. For best results, remove heavy deposits of contaminants by scraping with a knife or wire brush.
- ☐ Spray liberally and allow to run off.
- ☐ Use extension tube for hard-to-reach areas.
- ☐ Allow equipment to fully dry and vent before using. Speed drying time by wiping with a cotton cloth
- ☐ Do not use on plastics such as acrylic, ABS and polycarbonate. If uncertain, check with the manufacturer or test on a small area before using.
- ☐ Not for use on sensitive electronics, computers, tape decks or VCRs. Use a CRC precision cleaner instead.
- ☐ **For personal safety, do not use while equipment is energized.**

VIII. Package Description

Part Number	Container Size
M2018	10 Lts plastic jerrican
M2020	25 Lts plastic jerrican
M2021	200 Lts plastic drum
M2023	1000 Lts plastic IBC

IX. Disposal

Disposal requirements vary by state and local jurisdiction. All used and unused product should be disposed of in conformance with local, state and federal regulations.

X. Special Use Warnings

General

Use only in well ventilated area. Ventilation may be improved by opening a window or door or providing mechanical assistance. Avoid continuous breathing of vapor and spray mist. Avoid contact with skin and eyes. If ventilation is not adequate, respiratory protection should be worn. For information regarding short term and long-term exposure, review this product's Material Safety Data Sheet.

DISCLAIMER: This information is accurate to the best of Materchem,Lda' knowledge or obtained from sources believed by Materchem to be accurate. Before using any product, read all warnings and directions on the label. All products should be tested for suitability on a particular application prior to actual use. Materchem,Lda, Inc. makes no representations or warranties of any kind concerning this data.

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Industrial Products Division

Safety Division

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