



PWR-4 Industrial Maintenance Cleaner Product# 3400

Product Description

PWR-4™ Industrial Maintenance Cleaner is ideal where a safer, non-flammable, and cost effective cleaner is required. This innovative solvent is much safer than the four most common industrial solvents: TCE, nPB, Perc and Methylene Chloride and quickly cleans the most difficult greases and oils from electronics, relays, and motors. It is engineered to remain stable and effective over thousands of cycles in vapor degreasing equipment.

Features / Benefits

- Nonflammable
- Much safer than most common industrial solvents — TCE, nPB, Perc & Methylene Chloride
- Powerful cleaner — Ideal for degreasing and contact cleaning
- Available in aerosol or bulk for vapor-degreasing, ultra-sonic and immersion cleaning
- Rapid evaporation
- NSF registered K1 and K2

Applications

- Electronics
- Relays, switches & breakers
- Transformers
- Electric motors and generators

Usage Instructions

De-energize equipment. Make sure opening of spray head is pointing toward surface to be cleaned. Hold can 6-8 inches away. Direct spray to saturate soiled surface. A TechBrush™ (2000 Series) may be utilized to help in the removal of heavy soils. Start at top of area to be cleaned using a sweeping motion, and spray the area slowly, working towards the bottom. To clean in hard to reach areas, insert extension tube in spray head to direct spray. Allow components to dry completely before applying current. Allow liquid to dry before supplying power. For flat surface cleaning, saturate a lint-free TechClean® maintenance wipe (2364-50 or 2365-300) and wipe surface with cloth. Rotate the cleaning side of the wipe periodically and re-saturate. This product is not recommended for acrylic, PVCr, polystyrene, or polycarbonate materials (materials used in such items as housings and enclosures). If there is any doubt as to the material construction, test on hidden surface before general use.



Typical Product Data and Physical Properties

Physical state:	Liquid
Flash point:	None (ASTM D-56 TCC)
Color:	Clear, colorless
Odor:	Characteristic
Boiling point:	118.ºF (48ºC)
Vapor pressure:	356 kPa (267 mmHg)
Evaporation rate:	>1
Shelf life:	5 years unopened; 2 year opened

Vapor Degreaser Setting Guidelines

Boiling point	118°F (48°C)
Boil sump temp set	127°F (53°C)
High solvent temp set	136°F (58°C)
Refrigerant high temp set	109°F (43°C)

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Material Compatibility

ABS	Not Compatible
Buna-N	Fair
EPDM	Fair
Graphite	Excellent
HDPE	Excellent
LDPE	Good
Lexan	Fair
Neoprene	Fair
Noryl	Not Compatible
Nylon 66	Excellent
Cross-Linked PE	Excellent
Polypropylene	Excellent
Polystyrene	Not Compatible
PVC	Excellent
Silicone Rubber	Poor
Teflon	Excellent
Viton	Fair

Performance Testing

Per MIL-PRF-29608 4.5.9, % Efficiency/soil removal

Soil Removal – Vapor Degreasing

Lubrizol Corrosion Inhibitor	100%
Unilube All Purpose Grease	81%
5W30 Synthetic Oil	100%
Fire Resistant Hydraulic Fluid	100%
Chain Lubricant	100%
Silicone Fluid	100%

Soil Removal – Ultrasonic Cleaning

Lubrizol Corrosion Inhibitor	100%
Unilube All Purpose Grease	100%
5W30 Synthetic Oil	100%
Fire Resistant Hydraulic Fluid	100%
Chain Lubricant	100%
Silicone Fluid	100%

Packaging and Availability

3400-20S	20 oz. Aerosol 12 cans/case
3400-G	1 gallon
3400-5G	5 gallons
3400-54G	54 gallons

Environmental Policy

Techspray® is committed to developing products to ensure a safer and cleaner environment. We will continue to meet and sustain the regulations of all federal, state and local government agencies.

Resources

Techspray® products are supported by global sales, technical and customer services resources.

For additional technical information on this product or other Techspray® products in the United States, call the technical sales department at 800-858-4043, email tsales@techspray.com or visit our web site at: www.techspray.com.

Important Notice to Purchaser/User: The information in this publication is based on tests that we believe are reliable. The results may vary due to differences in tests type and conditions. We recommend that each user evaluate the product to determine its suitability for the intended application. Conditions of use are outside our control and vary widely. Techspray's only obligation and your only solution is replacement of product that is shown to be defective when you receive it. In no case will Techspray® be liable for any special, incidental, or consequential damages based on breach of warranty, negligence or any other theory.

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