



MAINTENANCE CLEANER

3400

Introduction

PWR-4™ solvent cleaners are ideal where a safer, non-flammable, and cost effective aerosol cleaner is required. This innovative cleaner is much safer than the four most common industrial solvents: TCE, nPB, Perc and Methylene Chloride and quickly blasts off oils, greases, fluxes, silicones, dirt and grime.

Features / Benefits

- Non-flammable
- 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 bucket cleaning
- Rapid evaporation
- Non-ozone depleting

Applications

- Heavy-duty degreasing
- Contact cleaning
- Flux removal
- Cleaning: relays and switches, transformers, electric motors and generators, electronic controllers, pneumatic and hydraulic systems, circuit breakers

Chemical Properties *(SDS available on request)*

- PHYSICAL STATE: Liquid
 - ODOR: Faint ethereal odor
 - COLOR: Clear
 - PERCENT VOLATILE: 100
 - FLASHPOINT (METHOD): none (TAG CC)
 - SPECIFIC GRAVITY: 1.27
 - VAPOR PRESSURE: 267 mmHg
 - KB VALUE: 100
 - DIELECTRIC BREAKDOWN..... 30.5 kV (ASTM D-877):
 -
- | | <u>Liquid</u> | <u>Aerosol</u> |
|---------------------|---------------|----------------|
| • VOC – CARB: | 100% | 67% |
| • VOC – SCAQMD..... | 1201 g/l | 831 g/l |
| • VOC – EPA | 95% | 64% |

Comparative Test Data

Ave of 3 Test Panels, 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%

Comparative Handling & Storage Requirements

COMPARATIVE EXPOSURE LIMITS

Chemistry	Product	TLV (Threshold Limit Value)	Source
PWR-4	3400-20S PWR-4 Maintenance Cleaner	200	ACGIH
G3	1635-20S G3 Industrial Maint Cleaner	200	ACGIH
G3	1630-16S G3 Maintenance Cleaner	200	ACGIH
Hydrocarbon	1620-10S Ecoline Maintenance Cleaner	200	ACGIH
nPB		0.10	ACGIH
Perc		25	ACGIH
TCE		25	ACGIH

NFPA COMPARISON

Chemistry	Product	Health	Flammability	Reactivity
PWR-4	3400-20S PWR-4 Maintenance Cleaner	2	1	0
G3	1635-20S G3 Industrial Maint Cleaner	2	3	0
G3	1630-16S G3 Maintenance Cleaner	2	2	0
Hydrocarbon	1620-10S Ecoline Maintenance Cleaner	1	3	0
nPB		2	1	1
Perc		2	0	0
TCE		2	1	1

Plastics Compatibility

Material	Compatibility
ABS	Not Compatible
Buna-N	Fair
EPDM	Fair
Graphite	Excellent
HDPE	Excellent
LDPE	Good
Lexan	Fair
Neoprene	Fair
Noryl	Poor

Material	Compatibility
Nylon 66	Excellent
Cross-Linked PE	Excellent
Polypropylene	Excellent
Polystyrene	Not Compatible
PVC	Excellent
Silicone Rubber	Poor
Teflon	Excellent
Viton	Fair

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.

Licensing Restriction

The use of this product for cleaning is subject to U.S. Patent No. 5,902,412 and use is restricted by Techspray.

Packaging and Availability

G3 Industrial Maintenance Cleaner available in the following sizes:

3400-20S	20 oz. Aerosol Can 12 cans/case
3400-G	1 gallon / 3.8L
3400-5G	5 gallons / 19L
3400-54G	54 gallons / 205L

Resources

Techspray® products are supported by a 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.

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Countries Outside US
Call to locate a distributor
in your country.

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