

Pow-R-Wash™ CZ Contact Cleaner

Product# ES7300

Product Description

Pow-R-Wash CZ electronics contact cleaner is a highly effective nonflammable solvent cleaner for electrical and electronic contacts and assemblies. This non-ozone depleting solvent system utilizes Cirozane, Chemtronics' unique HFE technology, to quickly remove oils, oxides, and other contaminants from metal contacts. Cirozane Contact Cleaner is specially engineered to restore and improve electrical continuity on energized equipment.

- MIL-PRF-29608A (AS) Class C approved
- Removes encrusted oxides, dirt, grease and other contaminants from contacts
- Nonflammable
- Noncorrosive and safe for plastics
- Evaporates quickly without residue
- Excellent dielectric strength
- Penetrates to clean hard to reach areas
- Contains no ozone depleting substances

Typical Applications

Pow-R-Wash CZ Contact Cleaner cleans and deoxidizes:

- Contacts and Relays
- Plugs and Sockets
- Circuit Breakers
- Motors and Generators
- Finger and Edge Connectors
- Selector Switches
- Fuses



Typical Product Data and Physical Properties

Boiling Point:	90°F / 32°C (Initial)
Solubility in Water:	Negligible
Specific Gravity:	1.50
Flash Point (TCC):	None
Evaporation Rate: (butyl acetate =1)	>1
Surface Tension: dynes/cm @ 25°C	11.6
Dielectric Breakdown (ASTM D-877)	31 kV
VOC* Content (aerosol):	
CARB	37%
SCAQMD	99 g/L
Federal	7%
Kauri-Butanol (KB) Number	40
Shelflife	5 years
RoHS Compliant	Yes

*Volatile Organic Compound (VOC) information is calculated on a weight basis using the VOC definition of California Air Resources Board (CARB) Consumer Product Regulations, South Coast Air Quality Management District (SCAQMD) Rule 102 and the Federal definition published in 40 CFR 51.100(s).

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Compatibility

Pow-R-Wash CZ Contact Cleaner is generally compatible with most materials used in the electronics industry. However as with any cleaning agent, solvent/component compatibility must be determined on a non-critical area prior to use.

Material	Compatibility
ABS	Excellent
Buna-N	Excellent
EPDM	Excellent
Graphite	Excellent
HDPE	Excellent
Kynar	Excellent
LDPE	Excellent
Lexan	Good
Neoprene	Excellent
Noryl	Excellent
Nylon 66	Excellent
Cross-Linked PE	Excellent
Polypropylene	Excellent
Polystyrene	Good
PVC	Excellent
Silicone Rubber	Excellent
Teflon	Excellent
Viton	Excellent

Competitive Assessment

Milligrams of Lithium Grease Removed per Gram of Solvent

Pow-R-Wash CZ	6.9
CFC-113 (TF)	5.1
HCFC-225	1.2

Usage Instructions

For industrial use only. Read SDS carefully prior to use.

Spray 4-6 inches from surface to clean. Wash parts from top to bottom, allowing the liquid to flush away dirt and dissolved oil and grease. For precise application use attached extension tube.

Availability

ES7300 12 oz. / 340 g Aerosol

Environmental Impact Data

HCFC-141b	None
HCFC-225	None
HFC	Yes
nPB	None

Hydrochlorofluorocarbons (HCFCs) are regulated under the Montreal Protocol as Class II ozone depleting substances. HCFC-141b is no longer produced in the US under this legislation. HCFC-225 is planned for production phase-out in 2015. Hydrofluorocarbons (HFCs) are not currently regulated.

EPA has listed n-propyl bromide (nPB) as an acceptable alternative to ozone depleting substances in metal, precision, and electronics cleaning under Section 612 of the Clean Air Act.

Technical and Application Assistance

Chemtronics provides a technical hotline to answer your technical and application related questions.

The toll free number is: 1-800-TECH-401.

Note:

This information is believed to be accurate. It is intended for professional end users having the skills to evaluate and use the data properly. CHEMTRONICS does not guarantee the accuracy of the data and assumes no liability in connection with damages incurred while using it.