

CHEMTRONICS®

Technical Data Sheet

TDS # 1604

Electro-Wash® NR

PRODUCT DESCRIPTION

Electro-Wash® NR is a nonflammable cleaner/degreaser that quickly removes grease, oils, dirt, dust, and other contaminants from energized electrical equipment. This high pressure solvent system is engineered to remove all types of soils while evaporating quickly and leaving no residues.


- Removes oils, dirt, grease, dust, and other contaminants
- Nonflammable; can be used on energized equipment
- Penetrates to clean hard to reach areas
- Evaporates quickly
- Leaves no residues
- Excellent dielectric strength
- Noncorrosive; safe for sensitive metals
- Contains no CFCs or chlorinated solvents; Contains HCFCs

TYPICAL APPLICATIONS

Electro-Wash® NR removes dirt, grease, oxidation and other soils from:

- Printed Circuit Boards
- Relays and Contacts
- Transformers
- Switches
- Electric Motors and Generators
- Electronic Controllers
- Pneumatic / Hydraulic Systems

TYPICAL PRODUCT DATA AND PHYSICAL PROPERTIES

Boiling Point	90°F Initial
Dielectric Strength	10 Kv
Flash Point (TCC)	None
Appearance	Clear, Colorless Liquid
Odor	Mild Ethereal
Solubility in Water	Negligible
Specific Gravity (water = 1 @ 68°F)	1.12
Evaporation Rate (butyl acetate=1)	> 1
Surface Tension (dynes/cm @ 21.6°C)	18.2
Kauri-Butanol (KB) Number	57
Shelflife	5 years
RoHS/WEEE Status	

COMPATIBILITY

Electro-Wash® NR is generally compatible with most materials used in printed circuit board fabrication, except acrylics, ABS resins, polycarbonates and polystyrenes. As with any cleaning agent solvent/component compatibility must be determined on a non-critical area prior to use.

<u>Material</u>	<u>Compatibility</u>
ABS	Non-Compatible
Buna-N	Fair
EPDM	Fair
Graphite	Excellent
HDPE	Excellent
LDPE	Good
Lexan™	Fair
Neoprene	Fair
Noryl®	Poor
Nylon™ 66	Excellent
Cross-Linked PE	Excellent
Polypropylene	Excellent
Polystyrene	Non-Compatible
PVC	Excellent
Silicone Rubber	Poor
Teflon™	Excellent
Viton™	Fair

ENVIRONMENTAL IMPACT DATA			
CFC	0.0%	VOC	2.0%
HCFC	94.0%	HFC	0.0%
CL Solv.	0.0%	ODP	0.10

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