

# CHEMTRONICS®

## Technical Data Sheet

**TDS # 1601**

### Electro-Wash® NX

#### PRODUCT DESCRIPTION

Electro-Wash® NX is the fastest drying nonflammable electronics cleaner and degreaser. This high pressure aerosol cleaning agent quickly removes oxide particles, dust, light grease and oil, then evaporates quickly, leaving no residue.

- Noncorrosive safe for metals
- Nonflammable
- Fast drying
- Removes oil, grease, dirt, silicone, flux, adhesive and other contaminants
- Contains no Class I CFCs; contains HCFCs
- May be used on energized equipment

#### TYPICAL APPLICATIONS

Electro-Wash® NX cleans and degreases:

- Circuit Breakers
- Motors and Generators
- Plugs and Sockets
- Potentiometers
- Relays and Contacts
- Selector Switches
- Solenoids
- Switching Devices

#### TYPICAL PRODUCT DATA AND PHYSICAL PROPERTIES

<b>Boiling Point</b>	>90°F Initial
<b>Vapor Density (air=1)</b>	>1
<b>Specific Gravity</b> (water = 1 @ 77°F)	1.23
<b>Evaporation Rate</b> (butyl acetate=1)	>1
<b>Appearance</b>	Clear, Colorless Liquid
<b>Odor</b>	Ethereal
<b>Surface Tension</b> (dynes/cm @ 21.6°C)	18.4
<b>Flash Point (TCC)</b>	None
<b>Explosion Limits</b>	
Lower (LEL)	6.4% by Volume
Upper (UEL)	15.1% by Volume
<b>Kauri-Butanol</b> <b>(KB) Number</b>	57
<b>Shelflife</b>	Aerosols 5 years
	Liquids 2 years after opening

#### COMPATIBILITY

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

<b><u>Material</u></b>	<b><u>Compatibility</u></b>
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

<b>Performance</b>	
<b>Product Required for Oil Removal (mg solvent / 1 mg oil)</b>	
Electro-Wash® NX	<b>40.88</b>
Conventional CFC Electronics Cleaner	<b>93.98</b>
<b>Lubricating Oil Removal Rate (mg / in<sup>2</sup> sec.)</b>	
Electro-Wash® NX	<b>7.20</b>
Conventional CFC Electronics Cleaner	<b>5.99</b>

## USAGE INSTRUCTIONS

For commercial use only.

Read MSDS 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 grease. For precise application use attached extension tube.

## AVAILABILITY

Aerosol	ES1601	14.5 oz.	ES2201	22 oz.
Liquid	ES101	1 Gal.	ES5501	55 Gal.

## TECHNICAL & APPLICATION ASSISTANCE

Chemtronics® provides a technical hotline to answer your technical and application related questions. The toll free number is:

**1-800-TECH-401.**

## ENVIRONMENTAL IMPACT DATA

<b>ENVIRONMENTAL IMPACT DATA</b>			
CFC	0.0%	VOC	5.0%
HCFC	92.5%	HFC	0.0%
CL Solv.	0.0%	ODP	0.10

CFC, HCFC, CL. SOLV., VOC, and HFC numbers shown are the content by weight. Ozone depletion potential (ODP) is determined in accordance with the Montreal Protocol and U.S. Clean Air Act of 1990. The ODP of this product is 0.10. It is the sum of the ODP of the substances that may contribute to the depletion of stratospheric ozone, based upon the weight of each substance in the product's formulation.

### 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.

## MANUFACTURED BY:

ITW CHEMTRONICS

8125 COBB CENTER DRIVE

KENNESAW, GA 30152

1-770-424-4888

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