

# CHEMTRONICS

## Technical Data Sheet

**TDS #6100E**

### Electro-Wash<sup>®</sup> VZ Cleaner Degreaser

#### PRODUCT DESCRIPTION

Electro-Wash<sup>®</sup> VZ Cleaner Degreaser is an all purpose cleaner for electronics that is nonflammable, non-ozone depleting, and safe on plastics. This fast drying precision cleaner contains the Verizane<sup>™</sup> solvent system utilizing Vertrel<sup>®</sup> Specialty Fluid from Dupont<sup>™</sup>. It is excellent for removing grease, oil, and flux residues from energized equipment.

- Removes dirt, oil, grease, flux and many other contaminants
- Nonflammable
- Excellent material compatibility
- Non-ozone depleting
- Leaves no residues
- Evaporates quickly
- Low Odor
- Contains no CFCs, HCFCs, or 1,1,1 Trichloroethane

#### TYPICAL APPLICATIONS

Electro-Wash<sup>®</sup> VZ Cleaner Degreaser is excellent for cleaning:

- Printed Circuit Boards
- Contacts
- Cable Assemblies
- Sensitive Plastic Surfaces
- Magnetic Heads
- Electronic Controls
- Edge Connectors
- Light Flux Residues

#### TYPICAL PRODUCT DATA AND PHYSICAL PROPERTIES

<b>Boiling Point</b>	95°F
<b>Flash Point (TCC)</b>	None
<b>Solubility in Water</b>	Negligible
<b>Specific Gravity (water = 1 @ 77°F)</b>	1.24
<b>Evaporation Rate (Butyl acetate=1)</b>	>1
<b>Appearance</b>	Clear, colorless liquid
<b>Odor</b>	Slight Ethereal
<b>Surface Tension (dynes/cm @ 25°C)</b>	14.1
<b>Kauri-Butanol (KB) Number</b>	26
<b>Dielectric Breakdown (ASTM D-877)</b>	17 kV
<b>Shelf life</b>	5 years

#### COMPATIBILITY

Electro-Wash<sup>®</sup> VZ Cleaner Degreaser is generally compatible with most materials used in the electronics industry. With any cleaning agent compatibility must be determined on a non-critical area prior to use.

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

**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.

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**AVAILABILITY**

ES6100E                      Aerosol 400 ml

**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.**

**USAGE INSTRUCTIONS**

For industrial 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 flux residues, dirt and dissolved oil. For precision application use attached extension tube.

**CHEMTRONICS**

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