

# CHEMTRONICS<sup>®</sup>

## Technical Data Sheet

**TDS # 1010E**

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

#### PRODUCT DESCRIPTION

Electro-Wash<sup>®</sup> PX cleaner degreaser is a fast drying, one step precision cleaning and degreasing agent safe for most plastics. Engineered with very low surface tension, this high pressure aerosol formulation flushes areas clean and evaporates instantly leaving no residue.

- Removes encrusted dirt, oil, grease and other contaminants
- Penetrates hard to reach areas
- Evaporates quickly
- Leaves no residues
- Has low odor
- Is noncorrosive
- Contains no CFCs or HCFCs
- Contains no 1,1,1 Trichloroethane

#### TYPICAL APPLICATIONS

Electro-Wash PX cleaner degreaser cleans and degreases:

- Printed Circuit Boards
- Magnetic Heads
- Potentiometers
- Contacts
- Selector Switches
- Solder Paste Screens
- Tape Drives
- Volume and Tone Controls
- Label Residue
- Light Fluxes

#### TYPICAL PRODUCT DATA AND PHYSICAL PROPERTIES

<b>Boiling Point</b>	50°C Initial
<b>Vapor Density (air=1)</b>	>1
<b>Solubility in Water</b>	20%
<b>Specific Gravity (water = 1@25°C)</b>	0.70
<b>Evaporation Rate (butyl acetate=1)</b>	>1
<b>Appearance</b>	Clear, Colorless Liquid
<b>Odor</b>	Mild
<b>Surface Tension (dynes/cm @21.6°C)</b>	17.3
<b>Flash Point (TCC)</b>	-29°F
<b>Kauri-Butanol (KB) Number</b>	50

#### COMPATIBILITY

Electro-Wash PX 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

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

<b>Performance</b>	
<b>Product Required for Water Soluble Oil Removal (mg solvent / 1 mg oil)</b>	
Electro-Wash	<b>33</b>
Conventional CFC Cleaner	<b>94</b>
<b>Water Soluble Oil Removal Rate (mg / in<sup>2</sup> sec.)</b>	
Electro-Wash	<b>11</b>
Conventional CFC Cleaner	<b>5</b>

## USAGE INSTRUCTIONS

For industrial use only.

Read MSDS carefully prior to use.

**Aerosol:** Spray 4-6 inches from surface to clean. Wash parts from top to bottom, allowing the liquid to flush away contaminants. For precise application use extension tube. **Liquid:** Use for cold cleaning, dip and rinse applications. Product is Extremely Flammable - Do not use near sources of ignition and energized equipment.

## AVAILABILITY\*

ES810B 200 ml BrushClean™ System

ES1010 400 ml aerosol

ES110 1 gallon / 3.7 litre liquid

\* In either "E" (GB,F,D,E,IT) labeling or "D" (Scandinavian + Polish) labeling

## TECHNICAL & APPLICATION ASSISTANCE

Chemtronics® provides a technical hotline to answer your technical and application related questions. **1-770-424-4888, X-137.**

## ENVIRONMENTAL IMPACT DATA

<b>ENVIRONMENTAL IMPACT DATA</b>			
CFC	0.0%	VOC	100.0%
HCFC	0.0%	HFC	0.0%
CL Solv.	0.0%	ODP	0.0

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 0.0. 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:

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REV. D (06/99)

## DISTRIBUTED BY:

**TECHNICAL HOT LINE 1-770-424-4888 EXT. 137**