

CHEMTRONICS

Technical Data Sheet

TDS # 0125A

Electro-Wash[®] Two Step

PRODUCT DESCRIPTION

Electro-Wash[®] Two Step is a heavy duty, nonflammable, hot or cold immersion cleaner designed to remove everything from conformal coatings to all flux residues. Electro-Wash[®] Two Step is easily rinsed away with water or solvent, wiped away or hot air dried, leaving the surface free of all residue.

- Cleans and brightens solder joints
- Removes heavy oil and dirt deposits from metal parts
- Removes all types of flux residues
- Miscible with water
- Low odor
- May be used in ultrasonic cleaner
- Removes SR, UR, AR conformal coating
- Contains no CFCs or HCFCs
- Contains no 1,1,1 Trichloroethane
- High flash point

TYPICAL APPLICATIONS

Electro-Wash[®] Two Step cleans and degreases:

- Removes Adhesives
- Removes all Flux Types
- Lifts off Conformal Coating
- Cleans Contacts
- Dissolves Handling Oils
- Cleans Inks and Paints
- Metal Parts Cleaning
- Cleans Stencils
- Cleans Solder Paste Screens

TYPICAL PRODUCT DATA AND PHYSICAL PROPERTIES

Boiling Point	>400°F
Solubility in Water	Infinite
Specific Gravity (water = 1@77°F)	0.99 g/ml
Appearance	Clear, Light Yellow Liquid
Odor	Mild
Surface Tension (dynes/cm @ 150°F)	30
Flash Point (TCC)	152°F
Kauri-Butanol (KB) Number	110
Shelflife	2 years after opening

COMPATIBILITY

Electro-Wash[®] Two Step Plus is generally compatible with most materials used in the electronics industry. With any cleaning agent solvent/component compatibility must be determined on a non-critical area prior to use. Not recommended for acrylics, ABS resins, polycarbonates and polystyrenes.

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

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

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CFC	0.0%	VOC	100%
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.

USAGE INSTRUCTIONS

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

Immersion and Ultrasonic Cleaning

Electro-Wash® Two Step can be used in hot/cold cleaning. Parts to be cleaned should be dipped completely in the solvent until all contaminants have lifted from surface. Parts could be hot air dried, rinsed with water or wiped off.

Spot Cleaning

Electro-Wash® Two Step could be used for spot cleaning using a brush or a spray system.

AVAILABILITY

ES125A 1 Gal. Liquid

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.

CHEMTRONICS

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