



Technical Data Sheet

HYDREX™ A-PLUS Ultrasonic Stencil Cleaner

Product Description

HYDREX A-PLUS Ultrasonic Stencil Cleaner is an aqueous ultrasonic immersion cleaner designed for ambient or heated stencil and misprint cleaning. This neutral pH cleaner is formulated to remove uncured Surface Mount Device (SMD) adhesives and raw solder pastes from stencils and misprinted circuit assemblies in ultrasonic cleaning applications. HYDREX A-PLUS has also been used effectively in select defluxing applications.

Features and Benefits

- Neutral pH
- Removes Raw Solder Pastes
- Removes Uncured SMD Adhesives
- Removes Ionics
- Remove Select Flux Residues
- Used at Elevated Temperatures

Properties

Odor	Mild
Specific Gravity (25°C)	1.00
pH Value (10%)	7.0
Vapor Pressure (20 °C)	<1.0 mm Hg

Soils Removed

- Removes Raw Solder Paste
- Removes Select Flux Residues
- Uncured SMD Adhesives
- Ionic Contamination

Equipment

Suitable for use in batch ultrasonic immersion washers.

Process

Wash Bath Concentration	5-15%
Wash Bath Temperature	115-130 °F (46-54 °C)
DI Water Rinse Temperature	115-130 °F (46-54 °C)

Environmental/Regulatory

Ozone Depletion Potential (ODP)	Zero
Global Warming Potential (GWP)	Zero
Volatile Organic Compound (VOC)	390 g/L
Volatile Organic Compound (VOC) at 10% conc	39 g/L
Hazardous Air Pollutant (HAP)	No
National Emission Standards for Hazardous Air Pollutants (NESHAPs)	Not regulated
Superfund Amendments and Reauthorization Act (SARA)	Not regulated
Resource Conservation and Recovery Act (RCRA)	Not regulated



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Disposal/Safety

Disposal

Vantage recommends contacting your current or local environmental service company for proper disposal.

Safety

Please see Safety Data Sheet for further information.

Packaging

Available in 42 lb (19 kg) pails and 455 lb (206 kg) drums

Shelf Life

36 months when stored in original, sealed container above 50 °F (10 °C).



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