

Technical Data Sheet

HYDREX® SP-50

Product Description

HYDREX SP-50 Stencil Cleaner is a powerful aqueous spray cleaner designed for ambient or heated stencil and misprint cleaning and defluxing applications. This neutral pH cleaner is formulated to remove uncured Surface Mount Device (SMD) adhesives and raw solder pastes from stencils and misprinted circuit assemblies. HYDREX SP-50 has also been used effectively in select defluxing applications.

Properties

Odor	Ether
Specific Gravity (25 °C)	0.92
pH Value (10%)	7.0 ±2.0
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 a variety of commercially available cleaning equipment including batch spray-in-air 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)	722 g/L
Volatile Organic Compound (VOC) at 10% conc	72 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

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.

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Packaging

Available in 38 lb (17 kg) pails and 420 lb (191 Kg) drums.

Shelf Life

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



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