

# **LFFR**

#### Lead Free Flux Remover

# **DESCRIPTION**

**LFFR** is a fast-drying solvent cleaner specially formulated for the quick and efficient removal of lead free flux residues. **LFFR** will remove R, RA, RMA and No-Clean flux residues associated with both lead-free and tin/lead soldering products.

READ ENTIRE TECHNICAL BULLETIN BEFORE USING THIS PRODUCT

#### **FEATURES AND BENEFITS**

- Removes a wide range of lead-free flux residues; ideal for manual PCB cleaning applications
- Non-halogenated cleaning solvent; will not attack the ozone layer
- Dries without leaving any residue; leaves a clean, dry surface in one cleaning step
- Brush aerosol version available; for more stubborn deposits

#### **APPROVALS**

Standard	Status
RoHS Compliant (2015/863/EU)	Yes

#### PRODUCT INFORMATION

For available packaging sizes please visit:

electrolube.com







# **PHYSICAL PROPERTIES**

Category	Results
Typical Properties	
Form	Colorless liquid with lemon odor
Density @ 20 °C (g/mL)	0.78
Boiling Point (°C)	>80
Flash Point (°C)	0
Vapor Pressure (kPa)	11.5
Inhalation Toxicity (ppm)	300
Residue on Evaporation (ppm)	<1
Evaporation Rate	16 (ether = 1)

#### **APPLICATION GUIDELINES**

Suitable for removal of a range of flux residues after soldering. Spray onto surface to be cleaned and use integral brush to aid removal of stubborn deposits. Sensitive plastics should be tested prior to use. Product contains flammable solvent so do not spray onto live electrical equipment or other sources of ignition.

#### **ADDITIONAL INFORMATION**

Shelf Life: 36 Months





### **TECHNICAL BULLETIN**

#### **SAFETY & WARNING**

It is recommended that the company/operator read and review the Safety Data Sheets for the appropriate health and safety warnings before use. **Safety Data Sheets are available.** 

#### **CONTACT INFORMATION**

# To confirm this document is the most recent version, please contact TechnicalSupportTeam@hkw.co.uk

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Also read carefully warning and safety information on the Safety Data Sheet. This data sheet contains technical information required for safe and economical operation of this product. READ IT THOROUGHLY PRIOR TO PRODUCT USE . Emergency safety directory assistance: US 1 202 464 2554, Europe + 44 1235 239 670, Asia + 65 3158 1074, Brazil 0800 707 7022 and 0800 172 020, Mexico 01800 002 1400 and (55) 5559 1588

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