



Technical Data Sheet



GlobalTech® Lead-Free Paste Remover

Product Description

GlobalTech Lead-Free Paste Remover (LFPR) is a safe, low cost cleaner for high tack and difficult to clean lead-free solder pastes, water soluble lead-free pastes and fluxes. Also effective in removing all types of solder pastes, even those containing other metals, and fluxes. Works quickly to remove tough organic contaminants such as soldering oils, waxes, silicones, uncured adhesives and other similar soils found in electronic assembly manufacturing. LFPR dries at the right speed to enable complete cleaning without slowing down production. Can be used as a general degreaser.

Features

Completely water soluble	Low toxicity
Dries to zero residue	Low odor
Dries fast	No foaming
Low cost	No rinsing required

Applications

Misprinted circuit boards
Production equipment
Screens, stencils and squeegees
Stencil cleaning machines

Method of Use

Brush, wipe, spray, dip or immerse. Use at room temperature, do not elevate above the flash point. Drying can be enhanced with an air knife. Not for vapor condensation cleaning.

Ingredients

Aliphatic Glycol Ethers, Aliphatic Ether Alcohol, Isopropyl Alcohol, DI Water

Physical & Chemical Properties

Appearance	Clear Liquid
Boiling Point (approx)	202°F / 94°C
Evaporation Rate (BuAc=1)	0.94
Flash Point (estimated)	75°F / 24°C
Melting/Freezing Point	NA
Odor	Mild
% Volatile	100
pH	NA
Specific Gravity (7.36 lb/gal)	0.88
Solubility In Water	Complete
Vapor Density	ND
Vapor Pressure (mm Hg)	<20
VOC (lb/gal)	4.86

Hazard Data

Hazard Ratings

NFPA	Health Hazard: 1, Flammability: 3, Instability: 0, Special Hazards: ND
HMS	Health Hazard: 1, Flammability: 3, Instability: 0, Personal Protection: B

Environmental

Clean Air Act (CAA)	Not Regulated
Global Warming Potential (GWP)	Not Implicated
Hazardous Air Pollutant (HAP)	No
Ozone Depletion Potential (ODP)	Zero
Significant New Alternatives Policy (SNAP)	Approved
Superfund Amendments and Reauthorization Act (SARA)	Not Reportable
Toxic Substance Control Act (TSCA Inventory)	All Ingredients Listed

Material Compatibility

Not recommended for use on polystyrene, PVC, vinyl, acrylics or ABS plastics. May affect some painted surfaces and thermoplastics. If substrate is unknown, test sample area before general use. Pump and valve seals should be made of EPDM, Teflon® or Kalrez®.

Waste Disposal

For disposal methods, consult a licensed waste management firm or the appropriate local, state and federal agencies in your area. Foil Refill Packs for our SuperSaturated SmartWipes® canisters help reduce environmental waste.

Storage & Shelf Life

LFPR has a 12 month shelf life from date of shipment. Store at room temperature.

Ordering Information

Drums	DR55LFPR
Weight	439 lbs
Dimensions	24" x 36"
Foil Refill Packs (ESD safe), 100 ct, 6" x 9", 12/cs	FR100LFPR-12
Weight	17 lbs
Dimensions	17" x 13" x 9"
Gallons (HDPE), 6/cs	GA6LFPR
Weight	51 lbs
Dimensions	17" x 13" x 14"
Spray Bottles, 1 pint (16oz), 6/cs	SB6LFPR
Weight	7 lbs
Dimensions	10" x 7" x 10"
SuperSaturated SmartWipes, 100 ct, 6" x 9", 12/cs	SW100LFPR
Weight	19 lbs
Dimensions	16" x 11" x 16"

Availability

Products are available through global sales and a nationwide network of distributors.

Environmental Policy

As a leading manufacturer and supplier of SMT production supplies; INJ is committed to providing high quality products and services in a manner that does not impact upon, but enhances the environment.

The data supplied in this document is for guidance only and is not intended to serve as a specification or recommendation. INJ Industries does not guarantee the accuracy of the information and does not assume liability in connection with any damages that may be incurred while using the product and reserves the right to change the above data without notice.

For more information, refer to the corresponding Safety Data Sheet.

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