



# Technical Data Sheet



## GlobalTech® Solder Paste & Flux Remover

### Product Description

GlobalTech Solder Paste & Flux Remover (PFR) is a highly effective defluxer/cleaner for R, RA, RMA, lead-free, no-clean, water soluble and OA solder pastes and fluxes. General degreaser for soldering oils, waxes, silicones, uncured adhesives and other difficult soils. PFR may be used straight for maximum cleaning power or diluted for use in dip or ultrasonic tanks. The high flash point makes this cleaner ideal for spray applications.

### Features

Completely water soluble	No rinsing required
Dries to zero residue	Strong aggressive cleaner
Fast evaporator	Superior defluxing properties

### Applications

Automatic cleaning systems	Production equipment
Batch cleaners	Relays, contacts and gold fingers
Most electronic assemblies	Screens, stencils and squeegees
PC boards and components	Tools and fixtures

### Method of Use

Brush, wipe, spray, dip or immerse. Effective mixed with water up to 50%. Use at room temperature, do not elevate above the flash point. Drying can be enhanced with a DI Water rinse followed by an air knife. Not for vapor condensation cleaning. Solvent and water may be separated by elevating temperature to approximately 212°F / 100°C.

### Ingredients

Aliphatic Glycol Ethers, Aliphatic Ether Alcohol, N-Amino Ethanol

### Physical & Chemical Properties

Appearance	Clear Colorless Liquid
Boiling Point (@ 30 mm Hg)	302°F / 150°C
Evaporation Rate (BuAc=1)	0.2
Flash Point TCC	117°F / 47°C
Melting/Freezing Point	-58°F / -50°C
Odor	Mild
% Volatile (by weight)	100
Specific Gravity (water=1)	0.89
Solubility In Water	Complete
Vapor Density (air=1)	3.8
Vapor Pressure (mm Hg @ 20°C)	1.5
Viscosity	NA
VOC (g/L)	890

### Hazard Data

Hazard Ratings

NFPA	Health Hazard: 2, Flammability: 2, Instability: 0, Special Hazards: ND
HMIS	Health Hazard: 2, Flammability: 2, Instability: 0, Personal Protection: B

### Environmental

Clean Air Act (CAA)	Not Regulated
Global Warming Potential (GWP)	Zero
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®. Avoid contact with copper and copper alloys, such as brass. Use only high density polyethylene (HDPE) valves and containers.

### Waste Disposal

For disposal methods, consult a licensed waste management firm or the appropriate local, state and federal agencies in your area. Liquid solvent can be reclaimed by distillation using the proper equipment or continuous filtered automatic cleaning equipment with built-in carbon or micron filter. Foil Refill Packs for our SuperSaturated SmartWipes® canisters help reduce environmental waste.

### Storage & Shelf Life

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

### Ordering Information

Drums	DR55PFR
Weight	445 lbs
Dimensions	24" x 36"
Foil Refill Packs (ESD Safe), 100 ct, 6" x 9", 12/cs	FR100PFR-12
Weight	18 lbs
Dimensions	17" x 13" x 9"
Gallons, 6/cs	GA6PFR
Weight	52 lbs
Dimensions	17" x 13" x 14"
Spray Bottles, 1 pint (16oz), 6/cs	SB6PFR
Weight	8 lbs
Dimensions	10" x 7" x 10"
SuperSaturated SmartWipes, 100 ct, 6" x 9", 12/cs	SW100PFR
Weight	20 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; JNJ 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. JNJ 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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