



Technical Data Sheet



GlobalTech® Semi Aqueous Paste & Flux Remover

Product Description

GlobalTech Semi Aqueous Paste & Flux Remover (AFR) is a safe cleaner to remove water soluble solder pastes, rosin fluxes, solder pastes and for general degreasing applications. It works quickly to remove tough organic contaminants such as soldering oils, waxes, silicones, uncured adhesives and other difficult soils found in electronic assembly manufacturing.

Features

| | |
|--------------------------|---------------------|
| Completely water soluble | Low toxicity |
| Dries to zero residue | No rinsing required |
| High flash point | Non-foaming |
| Low cost | |

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 a DI Water rinse followed by an air knife. Not for vapor condensation cleaning.

Ingredients

Aliphatic Glycol Ethers, DI Water

Physical & Chemical Properties

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|------------------------------|--------------|
| Appearance | Clear Liquid |
| Boiling Point (@ 30 mm Hg) | 208°F / 98°C |
| Evaporation Rate (BuAc=1) | NE |
| Flash Point TCC | 132°F / 56°C |
| Melting/Freezing Point | NE |
| Odor | Mild |
| % Volatile (by weight) | 100 |
| Specific Gravity (water=1) | 0.97 |
| Solubility In Water (@ 20°C) | Complete |
| Vapor Density (air=1) | 3.0-4.0 |
| Vapor Pressure (mm Hg) | 16-18 |
| Viscosity | Water-like |
| VOC (g/L) | 616 |

Hazard Data

Hazard Ratings

| | |
|------|---|
| NFPA | Health Hazard: 1, Flammability: 2, Instability: 0, Special Hazards: ND |
| HMS | Health Hazard: 1, 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 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

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

Ordering Information

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|--|-----------------|
| Drums | DR55AFR |
| Weight | 455 lbs |
| Dimensions | 24" x 36" |
| Foil Refill Packs (ESD Safe), 100 ct, 6" x 9", 12/cs | FR100AFR-12 |
| Weight | 18 lbs |
| Dimensions | 17" x 13" x 9" |
| Gallons, 6/cs | GA6AFR |
| Weight | 54 lbs |
| Dimensions | 17" x 13" x 14" |
| Spray Bottles, 1 pint (16oz), 6/cs | SB6AFR |
| Weight | 8 lbs |
| Dimensions | 10" x 7" x 10" |
| SuperSaturated SmartWipes, 100 ct, 6" x 9", 12/cs | SW100AFR |
| 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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