



Technical Data Sheet



GlobalTech® BSC-10A Electronics Cleaner

Product Description

GlobalTech BSC-10A Electronics Cleaner (BSC) is the ultimate solvent product for benchtop defluxing and stencil/misprint cleaning. Effectively removes reflowed lead and lead-free paste residues, all types of flux residues, solder pastes, uncured SMD adhesives, silicone and acrylic conformal coatings and baked-on flux residues. It is a drop-in replacement for Bioact SC-10 and a suitable alternative to isopropyl alcohol (IPA), hydrocarbons, hydrofluoroethers (HFEs), hydrofluorocarbons (HFCs), HCFC-141b and HCFC-225.

Features

Excellent solvency	Low surface residue
Exceptional polarity	Replaces toxic substances
Fast dry time	Soil loading properties

Applications

Stencil / Misprint Assembly Cleaning...rosin, water-soluble and no-clean solder paste and flux residues, epoxies and uncured SMD adhesives
Miscellaneous...white residues, marking inks, ionic contamination, uncured encapsulants, acrylic conformal coatings, silicone conformal coatings, tape residue/label residues, lubricants, oils, greases and fingerprints

Method of Use

Manual cleaning: brush, wipe or spray. Immersion cleaning: add at full concentration to wash tank reservoir. Suitable for use in appropriately designed non-aqueous equipment. Ultrasonics or heat is not recommended.

Ingredients

Hydrocarbons, C-10-C12, Isoalkanes; 1-Methyl-4-(1-methylethenyl)-cyclohexene; 1 Propoxy 2-propanol

Physical & Chemical Properties

Appearance	Colorless Liquid to Pale Yellow
Boiling Point/Range	302°F / 150°C - 350.1°F / 176.7°C
Evaporation Rate (BuAc=1)	<1
Flammability Limits (% by volume in air)	ND
Flash Point PMCC	105°F / 40.5°C
Odor	Mild Citrus
pH	NA
Relative Density	0.81 @ 25°C
Relative Vapor Density (air=1)	ND
Solubility In Water	Negligible
Vapor Pressure (mm Hg)	2 mm Hg @ 25°C

Hazard Data

Hazard Ratings	
NFPA	Health Hazard: 1, Flammability: 2, Reactivity: 1
HMIS	Health Hazard: 1, Flammability: 2, Physical Hazard: 0

Environmental/Regulatory

Global Warming Potential (GWP)	Low
Hazardous Air Pollutant (HAP)	No
Nat'l Emission Standards for Hazardous Air Pollutants (NESHAPs)	Not Regulated
Ozone Depletion Potential (ODP)	Zero
Resource Conservation and Recovery Act (RCRA)	Not Regulated
RoHS	Complaint
Significant New Alternatives Program (SNAP)	Approved
Superfund Amendments and Reauthorization Act (SARA)	Not Regulated

Material Compatibility

Excellent compatibility with many substrates and materials used in electronic assembly cleaning applications.

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

BSC has a 12 month shelf life from date of shipment. Store at room temperature, keep out direct sunlight and away from heat.

Ordering Information

Drums	DR55BSC
Weight	400 lbs
Dimensions	24" x 36"
Foil Refill Packs (ESD safe), 100 ct, 6" x 9", 12/cs	FR100BSC-12
Weight	15 lbs
Dimensions	17" x 13" x 9"
Gallons (HDPE), 6/cs	GA6BSC
Weight	45 lbs
Dimensions	17" x 13" x 14"
Spray Bottles, 1 pint (16oz), 6/cs	SB6BSC
Weight	7 lbs
Dimensions	10" x 7" x 10"
SuperSaturated SmartWipes, 100 ct, 6" x 9", 12/cs	SW100BSC
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; 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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