



Technical Data Sheet



GlobalTech® AquaSonic® Aqueous Cleaner for Solder Paste & Flux - Premix

Product Description

GlobalTech AquaSonic Aqueous Cleaner for Solder Paste & Flux - Premix (AQP-PM) is more than 90% water based with all ingredients being 100% active. This ready to use cleaner has been specifically formulated, using a proprietary electro-chemistry technology, to remove solder paste and flux residue in critical cleaning applications. AQP concentrate available.

Electro-chemistry Technology: Works by reversing the normal polarity of a contaminant causing the like charges of the contaminant and the work surface to repel each other, thereby preventing reattachment to the surface. Contaminants are suspended from the substrate and are washed away, leaving a clean, shiny, water break-free surface. It works at a sub-molecular level to penetrate crevices and orifices to dislodge microscopic contaminants. Based on non ionic surfactants, this technology drastically improves the cleaning efficiency by minimizing the amount of rinse water needed.

Features

Certified Clean Air Solvent by California's South Coast Air Quality Management District (SCAQMD)...VOC of .09 it meets the <25g/L VOC specification

Environment friendly...<.1% VOCs, biodegradable (liquid chemistry only) and recyclable (ability to be separated from effluent contaminants)

Free of...hydrocarbons, phosphates, silicates, saponifiers, builder or chelating agents (with little surfactants)

Ion-free...no ionic contamination left behind, excellent cleaner for cleaning electric/electronic equipment and hardware

Material compatibility...synthetic and plastics safe

No hazards...non-flammable, non-combustible, non-corrosive

Worker friendly...non-hazardous, low toxicity and odor free

Applications

Misprinted circuit boards	Tools, fixtures and surfaces
PCB rework	Workbenches and production equipment
Screens, stencils and squeegees	ESD Flooring

Method of Use

Spray the area to be cleaned until saturated, after a short time, wipe in a circular motion until the paste, ink, flux or adhesive residue begins to break down. Continue to wipe until the soils or residues are completely removed. Repeat the process as necessary. Use the saturated wipes to remove wet solder paste, flux, adhesives, grease, oil and similar soils from stencils, boards, squeegees, printers, tools, and work benches. The saturated wipes dispense the chemistry while absorbing and lifting away soils.

Ingredients

Proprietary Oxygen and Phosphorous Containing Compound, DI Water

Physical & Chemical Properties

Appearance	Light Amber Liquid
Boiling Point (approx)	>200°F / >93°C
Evaporation Rate (BuAc=1)	<0.1
Flash Point	>200°F / >93°C
Odor	Negligible
pH	~10
Specific Gravity (8.36 lb/gal)	8.36 lb/gal
Solubility In Water (%)	>95
Vapor Pressure (mm Hg)	18.5
VOC (g/L) ~ SCAQMD Certified	1.618

Hazard Data

Hazard Ratings

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

Environmental

Global Warming Potential (GWP)	Zero
Hazardous Air Pollutant (HAP)	No
Ozone Depleting Chemical (ODP)	No

Waste Disposal

Consult a licensed waste management firm or the appropriate local, state and federal agencies in your area.

Ordering Information

Spray Bottles, 1 pint (16oz), 6/cs	SB6AQP
Weight	8 lbs
Dimensions	10" x 7" x 10"
SuperSaturated SmartWipes, 100ct, 6" x 9", 12/cs	SW100AQP
Weight	21 lbs
Dimensions	16" x 11" x 16"

Storage & Shelf Life

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

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.