



Technical Data Sheet



GlobalTech® AquaSonic® Aqueous Cleaner for Surface Mount Applications

Product Description

AquaSonic Aqueous Cleaner for Surface Mount Applications (SMA) is a unique blend of modified alcohols and surfactants designed for ambient or heated stencil and misprint cleaning and defluxing in ultrasonic immersion cleaners and defluxing equipment. Used in dilution, SMA effectively cleans uncured Surface Mount Device (SMD) adhesives and all types of solder pastes and fluxes from stencils and misprinted assemblies.

Feature

Compatibility with many substrates
Improves operator safety
Low foaming
Low Vocs

Neutral pH
Non-flammable
Removes ionics

Applications

SMA is an ideal cleaning agent for electronics manufacturers who want to clean adhesives and pastes in one cleaning process or replace flammable/combustible solvents or alkaline-based cleaners.

Method of Use

Stencil / Misprint Cleaning...in ultrasonic equipment use at a 10% concentration; temperatures ranging from 115-130°F / 46-54°C*
Defluxing...in ultrasonic equipment use at a 5-25% concentration; temperatures ranging from 115-160°F / 45-71°C*
*rinse using DI Water at 80-110°F / 27-43°C and dry using ambient or heated forced air

Ingredients

Dipropylene Glycol N-Butyl Ether, Polyoxypropylene-polyoxyethylene Block Copolymer

Physical & Chemical Properties

Appearance Clear Liquid
Boiling Point >392°F / >200°C
Evaporation Rate ND
Flash Point (PMCC) >212°F / >100°C
Odor Mild
pH 6-8
Solubility In Water Emulsifiable
Specific Gravity (@ 25°C) 0.96
Vapor Pressure (mm Hg) <1
VOC (g/L) (10%) <50

Hazard Data

Hazard Rating Health: 1, Fire: 1, Reactivity: 0
Hazard Class Flammable Liquid

Environmental

Global Warming Potential (GWP) Zero
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
Significant New Alternatives Program (SNAP) *Approved
Superfund Amendments and Reauthorization Act (SARA) Not Regulated
*SMA components

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.

Storage & Shelf Life

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

Ordering Information

Drums DR55SMA
Weight 477 lbs
Dimensions 24" x 36"
Gallons (HDPE), 6/cs GA6SMA
Weight 60 lbs
Dimensions 16" x 12" x 12"

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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