

# JNJ Industries, Inc.

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## MATERIAL SAFETY DATA SHEET

### GlobalTech AquaSonic® Aqueous Cleaner for Solder Paste & Flux

PRODUCT CODE: AQP

Date of Last Revision: 4/1/01

FOR CHEMICAL EMERGENCY call INFOTRAC at 1-800-535-5053

24 Hrs. per day, 7 days per week

DOT HAZARD CLASSIFICATION: NOT REGULATED  
DOT PROPER SHIPPING NAME: NOT REGULATED NY D.O.T.  
C.A.S. NUMBER: MIXTURE

#### SECTION I - HAZARDOUS INGREDIENTS AND EXPOSURE LIMITS:

INGREDIENTS	C.A.S. NUMBER	EXPOSURE LEVELS		PERCENTAGE	
		PPM	AGENCY	TYPE	

#### NONE AT LEVELS REQUIRING REPORTING UNDER 29 CFR 1910.1200

Specific Chemical identities withheld under Trade Secret Status

\*\*Designates a substance which must be reported under the requirements of SARA Title II-313 and 40 CFR 372

#### SECTION II - EMERGENCY AND FIRST AID PROCEDURES:

##### EYE CONTACT:

If irritation or redness, from vapor exposure develops, move victim away from expose source. If irritation or redness persists, seek Medical attention. For direct contact, hold eyelids apart and flush affected eye(s) with clean water for 20 minutes. Seek Medical attention.

##### SKIN CONTACT:

Remove contaminated clothing. Cleanse affected area(s) thoroughly by washing with mild soap and water. If irritation or redness develops and/or persists, seek Medical attention.

##### INHALATION (BREATHING):

If respiratory or other overexposure symptoms develop, move victim away from exposure into fresh air. If symptoms persist, seek Medical attention. If victim is not breathing, artificial respiration should be administered. If breathing difficulty is experienced, Oxygen should be administered by qualified personnel. Seek Medical attention.

##### INGESTION (SWALLOWING):

Aspiration Hazard: DO NOT INDUCE VOMITING or give anything by mouth. Vomited material can enter the lungs and cause lung damage. If victim is drowsy or unconscious, place on left side with head down. If possible, do not leave victim unattended. If victim is conscious, give multiple glasses of water to dilute the contaminates.

##### COMMENTS (Note to Physician):

Epinephrine and other sympathomimetic drugs may potentiate arrhythmia in persons exposed to this substance. Such drugs should be used cautiously, if at all, and only with cardiac monitoring.

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## **SECTION III - SYMPTOM/EFFECTS OF OVER EXPOSURE:**

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### **EYE CONTACT:**

This material will irritate the eyes. Direct contact with the liquid or exposure to the vapor or mist may cause tearing, stinging and redness.

### **SKIN CONTACT:**

This material may cause skin irritation. Prolonged or repeated exposure to this material may cause redness, burning and cracking or drying of skin. Contact may result in skin absorption, but toxicity symptoms via this route are unlikely, under normal conditions. Persons with pre-existing conditions may be more susceptible to the effects of this material.

### **INHALATION (BREATHING):**

While this material has a low degree of toxicity, inhaling of large amounts of mists or vapors may cause irritation of mucous membranes, nervous system depression (drowsiness, fatigue, motor coordination loss), nausea and headaches. Prolonged or repeated exposure to mists or vapors may damage peripheral nerves. Respiratory symptoms, associated with pre-existing conditions, may be exaggerated upon exposure to this material.

### **INGESTION (SWALLOWING):**

While this material has a low degree of toxicity, ingestion of excessive amounts may cause irritation of the digestive tract. Signs of nervous systems depression (drowsiness, fatigue, motor coordination loss) and nausea may develop.

### **COMMENTS (Note to Physician):**

This material has not been identified as a carcinogen, or probable carcinogen by NTP, IARC or OSHA. Pre-existing peripheral nerve disorders may be aggravated by exposure to this material. Persons with pre-existing heart disorders may be susceptible to irregular heartbeats if exposed to high concentrations of this material (See Section II-Note to Physician). Reports have associated repeated and/or prolonged exposures to solvents with permanent brain or nervous system damage (sometimes) referred to a Solvent or Painter's Syndrome). Intentional misuse by deliberately concentrating and inhaling this material may be harmful or fatal.

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## **SECTION IV - SPECIAL PROTECTION INFORMATION:**

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### **VENTILATION:**

If existing ventilation is inadequate to maintain airborne concentration below prescribed exposure limits (See Section I), additional ventilation or exhaust systems may be needed.

### **RESPIRATORY PROTECTION:**

If airborne concentrations exceed prescribed exposure limits, use a respirator or gas mask, with appropriate cartridges and canisters (NIOSH approved), or mask with an air supply.

### **PROTECTIVE GLOVES:**

We recommend the use of gloves which are impermeable to the specific hazardous material present in this product.

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## **SECTION V - REACTIVITY DATA:**

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**STABILITY:** Stable

**STABILITY** (Materials to avoid): Strong acids or bases, strong oxidizers, amines

**HAZARDOUS POLYMERIZATION:** Will not occur

**HAZARDOUS DECOMPOSITION:** Will not occur

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## **SECTION VI - SPILL OR LEAK PROCEDURES/DISPOSAL CONSIDERATIONS:**

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### **PRECAUTIONS IN CASE OF RELEASE OR SPILL:**

Stay upwind from spill. Keep all ignition sources away from spill areas. Ventilate spill area. Absorb with absorbent. Keep out of waterways.

### **WASTE DISPOSAL METHOD:**

Dispose of in accordance with all Local, County, State and Federal regulations.

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## SECTION VII - STORAGE AND SPECIAL PRECAUTIONS:

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### HANDLING AND STORAGE PRECAUTIONS:

Keep containers closed in a cool environment. Avoid all sources of heat, spark, or other ignition. Use and store with proper ventilation. Avoid direct contact and inhalation of vapors. Practice good hygiene. "Empty" containers can be dangerous and should be so treated. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose to heat, sparks, or other ignition sources; they may explode and cause injury or death. Empty drums should be properly drained and returned to Supplier or to a drum reconditioner. All other containers should be disposed of in an environmentally sound manner.

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## SECTION VIII - FIRE AND EXPLOSION DATA:

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<b>HAZARD CLASS</b>	<b>HEALTH:</b>	<b>1</b>	<b>HAZARD RATING SCALE</b>  <b>0=minimal 1=slight</b> <b>2=moderate 3=high</b> <b>4=extreme</b>
	<b>FLAMMABILITY:</b>	<b>0</b>	
	<b>REACTIVITY:</b>	<b>0</b>	
	<b>PERSONAL PROTECTION:</b>	<b>B</b>	

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<b>EXPLOSIVE LIMITS (Volume %):</b>	<b>LOWER: ND</b>	<b>UPPER: ND</b>	<b>FLASH POINT: &gt;300°F</b>
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### EXTINGUISHING MEDIA:

Dry chemical, carbon dioxide, universal type foam.

### FIRE AND EXPLOSION HAZARDS:

Keep from heat or open flame. If products is exposed to temperatures above it's flashpoint, it may explode.

### FIRE FIGHTING PROCEDURES:

Use of Self Contained Breathing (SCBA) is recommended for Fire fighters. Water spray may be useful to cool nearby containers and to minimize vapor. Avoid spreading burning liquid with the cooling water.

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## SECTION IX - PHYSICAL DATA:

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<b>Approximate Boiling Point:</b>	<b>&gt;200°F</b>	<b>Vapor Density:</b>	<b>ND</b>
<b>Evaporation Rate (n-butyl acetate-1.0):</b>	<b>&lt;0.1</b>	<b>% Volatile:</b>	<b>&gt;90</b>
<b>Vapor Pressure (in mm mercury):</b>	<b>18.0</b>	<b>% Water Soluble:</b>	<b>&gt;90</b>
<b>Specific Gravity:</b>	<b>1.06 (8.82 lb/gal)</b>	<b>Odor:</b>	<b>Negligible</b>
<b>Appearance:</b>	<b>Dark Amber Liquid</b>	<b>Melting Point:</b>	<b>NA</b>
<b>pH: Concentrate</b>	<b>10.4</b>	<b>V.O.C. (lb/gal):</b>	<b>0.09</b>
<b>pH: Dilluted for Use</b>	<b>9.8 - 10.0</b>		

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## DISCLAIMER OF EXPRESSED AND IMPLIED WARRANTIES:

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