

Product Data Sheet

Date: 02/22/02

Supersedes: 5/18/98

PRODUCT #: N8031

AQUA FLO®

Activated Infrared Fusing Fluid

DESCRIPTION: An organic, water soluble fusing fluid custom blended for use in tin/lead infrared fusing equipment. **AQUA FLO** contains activators which clean exposed copper, providing excellent edge coverage.

BENEFITS:

- **Easy rinsing**
- **Provides consistent surface appearance and excellent edge coverage**
- **Specially formulated for use with PTH panels**
- **Completely water soluble and biodegradable**
- **Provide high temperature laminate shock protection**

SPECIFICATIONS:

Density:	0.98 gm/ml, 8.1 lbs./gal.
Flash Point (TCC):	73° F
Appearance:	Blue
Shelf life:	Indefinite

INSTRUCTIONS: Apply according to IR equipment manufacturers' recommendations. Solution may be recirculated 3-4 times before changing. Maintain specific gravity according to chart on reverse side, using isopropyl alcohol.

To remove residual material after fusing, rinse thoroughly with warm water. To meet higher cleanliness standards follow with 3-5% **RINSE AIDE-90** or 10% **RINSE AIDE-95**, in a recirculating spray rinse.

CAUTIONS: **AQUA FLO** is a flammable, corrosive product. Avoid open flame. Avoid contact with skin and eyes. Protective clothing, goggles and gloves should be worn when handling this product. In case of contact with skin, flush immediately with water. For eye contact, flush immediately with water and obtain medical attention. Refer to Material Safety Data Sheet for further information.

DISPOSAL: This product may be disposed of by incineration or landfill. For waste water treatment, treat for soluble tin/lead salts and water soluble nonionic surfactants.

AQUA FLO
Specific Gravity Control

Directions: Use this chart to find milliliters of isopropyl alcohol required per volume of *AQUA FLO* to maintain proper specific gravity.

<u>Specific Gravity</u>	<u>% IPA to be added</u>	<u>Gallons of <i>AQUA FLO</i> to be adjusted</u>				
		1	2	3	4	5
<0.970	Alcohol level too high - allow to evaporate					
0.975	0	-	-	-	-	-
0.986	5.0	190	380	570	760	950
0.999	10.0	380	760	1140	1520	1900
1.016	15.0	570	1140	1710	2280	2850
1.032	20.0	760	1520	2280	3040	3800
1.050	25.0	950	1900	2850	3800	4750

This product should be used only for its intended purpose. The information stated above is based on our laboratory tests and experience, and is accurate to the best of our knowledge. Since actual use is beyond our control, the recommendations or suggestions are made without warranty, expressed or implied.