



# Flux 657



## Water Soluble Liquid Flux

### Features:

- Excellent Wetting
- High Dilution Rate
- Environmentally Friendly and Safe to Use
- Enhanced Activity Level
- Zinc Chloride Free
- Minimal Residue

### Description:

Flux 657 is a water-based, inorganically activated liquid flux designed specifically for heat exchange. This water soluble product provides excellent wetting, as well as minimal residue. It also provides a high dilution ratio, and is zinc chloride free. The flux is for high speed tinning and soldering. Applications such as tube mills and strip-tinning lines will achieve reduced pitting and full-flow soldering. The flux residues during soldering will also reduce oxide formation on the solder pot as it works as a pot blanket as it is consumed.

### Flux Application:

Flux 657 is formulated for application via spray, flood or immersion. For spraying, Flux 657 is ready to use directly from its container. When spray fluxing, it is imperative that proper flux coverage and uniformity be achieved and maintained.

Dilution Chart	
Flux + Water	Specific Gravity g/cc
Super conc.	1.1305
1+1	1.0652
1+2	1.0435
1+3	1.0326
1+4	1.0261
1+5	1.0217
1+6	1.0186
1+7	1.0163
1+8	1.0145
1+ 9	1.0130
1+ 10	1.0119
1+ 11	1.0109
1+ 12	1.0100
1 + 13	1.0093
1+ 14	1.0087
1+ 15	1.0082
1+ 16	1.0077
1+ 19	1.0065
1+24	1.0005

### Cleaning:

Flux 657 can be cleaned, if necessary, with saponified water or an appropriate solvent cleaner. Please refer to the AIM Cleaner Matrix for a list of suitable cleaning materials.

### **Handling and Storage:**

- Flux 657 has an unopened shelf life of 1 year when stored at room temperature.
- Do not store near fire or flame.
- Keep away from sunlight as it may degrade product.
- Flux 657 is shipped ready-to-use, no mixing necessary.
- Do not mix used and unused chemical in the same container.
- Reseal any opened containers.

### **Safety:**

- Use with adequate ventilation and proper personal protective equipment.
- Refer to the accompanying Material Safety Data Sheet for any specific emergency information.
- Do not dispose of any hazardous materials in non-approved containers.

#### **Manufacturing and Distribution Worldwide**

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*AIM IS ISO9001:2008 & ISO14001:2004 CERTIFIED*

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