



# **RADEX<sup>®</sup> LIQUID SOLDERING FLUX**

**EUTECTIC - Works at the lowest temperature.**

**HIGH TEMPERATURE - Doesn't burn off at higher soldering temperatures.**

**LESS IRRITATING FUMES - More pleasant to work with.**

**STRONG SOLDERED JOINTS - Reduces comebacks.**

**NON-FOAMING WETTING AGENT - Wets faster. Cools work faster.**

**UNIVERSAL - Works with lead containing and lead-free solders.**

Radex<sup>®</sup> Liquid Soldering Flux combines the effectiveness of zinc chloride with the latest technology to save you time and money in seven ways.

1. Liquid Soldering Flux has a carefully balanced formulation based on zinc chloride. The special cleaning action dissolves sulfides, chlorides, and nitrites more quickly and easily along with the usual oxide corrosion. This means that you will use less flux and will not waste as much time swabbing to get a clean surface.
2. Liquid Soldering Flux has a new chemical additive called HTF-41<sup>™</sup> that is better than a wetting agent. HTF-41<sup>™</sup> makes the flux adhere to all surfaces and get into joints better. When the solder is applied, it will flow over the entire area cleaned and between parts. This gives you good solid joints. Joints are the strongest when the parts fit together tight (about 0.0025 inch). This flux makes sure that the solder gets between without wasting solder, gas, or valuable time.
3. HTF-41<sup>™</sup> also acts as a degreaser to cut oils and speed the fluxing action. There is no dangerous butyl cellosolve (a liver toxin) as in some fluxes.
4. HTF-41<sup>™</sup> prevents flux burn-off when used with higher temperature solders such as 30:70. Damon's Liquid Soldering Flux is in a class by itself with this special ability. Less flux burn-off results in less flux used. By enabling you to use 30:70 solder and get 40:60 results you will save money. The flux works very well with lead-free solders.
5. Liquid Soldering Flux begins to work at a lower temperature than most other formu-

lations. A special ingredient starts the flux working at below 150 degrees. Some types of corrosion are removed at room temperature. This means that when the solder melts (between 360° and 460° F.), the surface is already cleaned and wetted so that the solder flows and adheres to joints instead of beading up and dripping. This can save you a great deal of money on solder.

6. Liquid Soldering Flux is extremely concentrated. Our customers have found that a 1:1 dilution of Damon's flux will clean just about any work that you normally encounter. For that occasional really tough job, you will be glad to have its full strength power on hand to do the job. This makes Radex<sup>®</sup> Liquid Soldering Flux the most economical flux you can use.
7. There is no acid in Liquid Soldering Flux so the fumes are less irritating than with other fluxes. Repairmen report that it is more pleasant to work with than other fluxes.

The recommended dilution is 1:1, although customers report using it down to 1:3, depending on the work to be done. Use full strength for really tough work, 1:1 for average work, 1:2 for work cleaned with ultrasonics, and 1:3 for new or bead blasted work.

**Packaging:** Four 1 gallon plastic jugs per case, 5 gallon plastic containers, 15 gallon plastic drums, and 55 gallon drums.

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