

## Technical note 102: Use of flux liquids (flux)

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Use of flux liquids for soldering is very common. In this process a flux liquid can be used as evaporator liquid to obtain a "green flame", which has a reducing effect. However, this does not replace the additional covering of the soldering point with flux to prevent oxidation.

When using flux it is to be observed that the flux liquid crystallises due to the humidity present in the oxyhydrogen gas, thus clogging the existing flame arresters.

Instead of using flux in the evaporator flask of the upper equipment part (microflame 140-300), it is recommendable to use an external booster (50.2504020) in combination with the handle with exchangeable flame arrester (50.2502415) when using flux liquids. The external booster is operated at the equipment output and thus behind the main flame arrester. The flame arrester of the handle should be regularly cleaned in an ultrasonic bath and replaced if required. In this process, the actual evaporator flask at the upper equipment part should not be filled.

The scope of supply of microflame 80 does already include the external booster, and it can be filled with BLQ1800 as well as with flux liquid.

