

**EO-G-006 (Water-based Flux)****EO cat.-no. 6131**

Special Flux for wave-, selective-, hand-soldering
VOC – free

(WEEE/RoHS-compliant)
ISO-9454: 2131 (2.1.3.A)
DIN EN-61190-1-1 (acc. J-STD-004): OR L0 „NO CLEAN“



EO-G-006 is an universally suitable for wave-, selective- and hand-soldering of PCBs and complies with specification DIN-EN 61190-1-1: L0. Accordingly, it contains organic, halogen-free activating additives in a combination specially tuned to the thermal requirements of the soldering processes. **EO-G-006** can be applied by brushing, spraying, dipping etc. (except for foam application). The solids content is 5 % by weight.

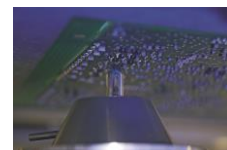
EO-G-006 is extremely reliable and highly efficient in wetting reaction and shows very clean residue behavior. This special recipe made it possible to reduce the poor properties of water (high surface tension), so that effective surface wetting is possible.

(Easily recognizable here by the foam formation on the liquid surface).

EO-G-006 is a water-based flux and totally free from corrosion action.

Technical specifications

ISO-9454:	2131
DIN EN 61190 (acc. J-STD004):	OR L0
IEC:	OR L0 / "NO CLEAN"
IPC:	OR L0 / "NO CLEAN"
Appearance:	transparent, liquid
Solid contents:	4,9 – 5,2 %
Density (20° C):	1,00 – 1,02 g/ml
Acid-no.:	40 – 46 mg KOH/g
Activators:	carboxylic and dicarboxylic acids-complex
Halogen-content:	0
Solvents:	Water, VOC-free
Shelf life:	12 months
Storage conditions (recommended):	Store in a frost-proof and dry place (5°C – 25°C)
Working temperature:	At room temperature (usually 20-25 ° C)
Transport:	No classification of hazardous



Additional information on the ingredients (hazardous substances), safe handling, storage, transport and disposal can be found in the current safety data sheet (SDS, SDS, MSDS).

Instructions for use:

This flux is very versatile and OPS-compatible. There are good results for manual, wave and selective soldering. The general rule of applying fluxes applied in principle as low as possible also applies to this product.

Recommendation from practice:

Sprayfluxing: If possible, try at first a quantity of 10 – 20 ml/min. and observe the distribution of the flux. After that, correct the quantity. Air-pressure: 18 – 20 l/min.

Preheating:

(If preheating system is used)

Entering the solder-wave, the temperature on the topside of the pasteboards should be 80 – 110 °C, dependent on type of boards, lay-out etc. – in case of using lead-free solders, preheating temperatures of 110 – 130 °C on the topsides are possible.

Packing units: Jerrycans with 5 and 20 litres, other packing sizes on request

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