

ECOFREC™ 82



Low residue VOC free flux Watersoluble

FEATURES

ECOFREC™ 82 is a watersoluble, low residue and VOC free flux with excellent soldering performances on any finish. This flux is recommended for lead free soldering with alloys like SAC, SnCu, ...

ECOFREC™ 82 is a true VOC free flux therefore no flammable opposite to some so called VOC free fluxes available on the market.

ECOFREC™ 82 is particularly suitable for component tinning.

SPECIFICATIONS

Appearance	colourless liquid
Density at 20°C	1.008 – 1.016 g/cm ³
Solid content 3 hours at 105°C (w/w)	6,4 %
Halides	< 1500 ppm
Acid index (mg KOH/g)	31.5 – 34.5
Flash point	none

CHARACTERISTICS

ECOFREC™ 82 is a low residue water based flux, free of organic solvents, formulated to meet the volatile organic compound (VOC) emission regulations. This flux has been developed for solder component tinning in pure Sn, in SnAgCu or in SnPb. After tinning, residues are easily removed using deionised water.

PACKAGING

Plastic drum	20 L
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STORAGE & SHELF LIFE

Avoid storage temperature above 0°C.

If the storage temperature had been above 0°C, it is necessary to store **ECOFREC™ 82** at the temperature of the production plant for 12 hours and to shake it before use.

PROCESS PARAMETERS

ECOFREC™ 82 is used by dipping for tinning and can be used by spray for wave soldering.

Preheating temperature must be set so as to achieve from 110°C to 130°C on the components before tinning or under the PCB prior to entering the solder wave.

ECOFREC™ 82 does not require any acid index nor density follow up.

HSE

ECOFREC™ 82 must be used under an exhaust system, it is recommended to wear gloves and glasses during manipulation.

Please refer to Material Safety Data Sheet before use.

No issues when used as recommended.

Although the conformity to ROHS 2002/95CE applies EQUIPMENT put on the market and not a component in particular, we warranty that this product contains less than 0.1% of mercury, lead, chromium VI, polybrominated biphenyls (PBB) and polybrominated diphenyl ethers (PBDE) and less than 0.01% for the cadmium, in accordance with the decision of The European Commission dated 18/08/2005, fixing the maximal concentration values.

This data is based on information that the manufacturer believe to be reliable and offered in good faith. In no event will INVENTEC be responsible for special, incidental and consequential damages. The user is responsible to the Administrative Authorities (regulations for the protection of the Environment) for the conformity of his installation.

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