



NEUTRAL FLUX 1046

WATER BASIS - HALOGEN FREE - NEUTRAL

MANUFACTURE OF BATTERIES IN THE C.O.S. PROCESS

➤ 1 PRODUCT DESCRIPTION

Non-Corrosive flux, intended for battery manufacturing in COS process, totally eliminated when dipped into the lead bath.

The flux is formulated from pure organic compounds (in water solution). It is eliminated by sublimation in the range of temperatures where lead and alloys used for batteries manufacturing melt. Since no residual salts or combustion residues remain after soldering (casting), problems linked to conductivity (self-discharge) and corrosion are solved when using this technology.

➤ 2 CHARACTERISTICS - PHYSICO-CHEMICAL PROPERTIES, COMPOUND ELEMENTS.

Liquid neutral flux halogen free, fully burned off after heating and without residues

COMPOSITION

Secondary organic amine salts

PHYSICO-CHEMICAL PROPERTIES

- Density at 20° C $\approx 1,09 \text{ g/cm}^3$
- pH = 5

➤ 3 PRODUCT APPLICATION.

This flux is of particular interest for the manufacture of storage batteries where self-discharge phenomena must be avoided. It is a neutral flux and as such a multi purpose product intended to be used regardless of the type of strap and grid alloys.

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4 ➤ DIRECTIONS FOR USE

The flux must be used undiluted on the surface of the lugs by dipping or impregnation.

5 ➤ USING CARE AND RECOMMENDATIONS

Without particular risk

Refer to health and safety datasheets before use