

elma elektrolytsalz-lösung

LIQUID ELECTROLYTE FOR HYDROGEN SOLDERING DEVICES

Description

Ready for use, liquid, aqueous alkaline electrolyte for the hydrogen soldering devices „Elmaflame“ 140, 240 and 300 as well as for „Hot Flame“ Eco HF 10, HF 50, HF 100, HF 150 and HF 300 and also for Elma HT 2 and Elma HT 3.

Application and dosage

Fill the elma elektrolytsalz-lösung slowly into the devices Hot Flame HF 50, Eco HF 10, HF 100, HF 150, HF 300, Elma HT 2 and Elma HT 3: 1L; into Elmaflame 140: 1.6L; into Elmaflame 240 as well as into Elmaflame 300: 4L (observe the manual of the device and the level indicator).

Then fill additionally and slowly distilled water with the following amounts up to the corresponding maximum level into the corresponding devices (observe the manual and the level indicator of the device):

For Elmaflame 240 and Elmaflame 300: ~0.1L.

For the other devices, except for Hot Flame HF 50: HF 10 ~0.5L; HF 100 ~0.2L; HF 150 ~0.7L; HF 300 ~0.7L; HT 2 and HT 3 ~0.5L.

For the Elma Hot Flame device HF 50 no distilled water has to be added.

Safety recommendations

elma elektrolytsalz-lösung is classified as hazardous according to the regulation (EC) No 1272/2008 [GHS] (skin corrosive and serious eye damage, acutely toxic: harmful, corrosive to metals [with the exception of stainless steel]). Observe also with respect to this the hints indicated in the Safety Data Sheet and always handle chemicals with care.

Physical-chemical characterisation

Potash lye. Density: 1.352 g/ml, pH value: >14 in delivery state.

Disposal

The product and the solution can be fed into the public sewage system after neutralization (observe local sewage regulations) or dispose via specialised disposal companies.

European waste code: 20 01 15*, „alkalines“.

Volumes and storage

Available volumes: 1 litre PE-bottle.

Store in closed original container at a temperature between +5°C and +30°C, protected from heat and direct solar radiation. Do not store with acids.

Shelf life: 3 years from date of production (see stamp on label).

Classification for all means of transport: class 8, UN 1814.

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elma product info

