

ELFLUX A990

General Description

ELFLUX A990 is an inorganic, acidic flux. ELFLUX A990 is ready for use, highly corrosive and suited for soldering alloyed steels and other wettable metals. ELFLUX A990 is an extremely active flux based on zinc chloride (Class F-SW 11, of withdrawn DIN 8511). Residues have to be washed off with water after soldering.

Areas of Use

ELFLUX A990 is effective on Iron, and low-alloyed steels as well as other materials difficult to wet. Flux can be applied by dipping and brushing.

Flux residues are corrosive. When used with local heat application only minimum amount of flux should be applied. Flux, which will not reach soldering temperature as well as splashed Flux spots on cooler surfaces can cause severe corrosion later. Flux residues have to be rinsed and brushed off with water.

Classification

ELFLUX A990 is classified as INH1 per DIN EN 61190-1-1.

Technical Specification

ELFLUX A990	
Appearance	Clear, colourless to yellow liquid
Smell	No smell
Density [g/cm ³] (20 °C)	1.33 ± 0.05
VOC content [%]	n.a.
pH value (20 °C)	< 1
Flash point [°C]	None

Cleaning

Cleaning of flux residues: The residues can be washed off with tap water, when necessary use a brush.

General Safety Precautions

ELFLUX A990 should be used according to industrial standards of practice.

As this is a corrosive liquid use personal protection, acid proof safety glasses, gloves.

For safety advice please refer to the material safety data sheet.

Packing Sizes

ELFLUX A990 is available in containers of 5 L, 10 L and 20 L.

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Storage

ELFLUX A990 does not burn. Keep stored in closed container.

Shelf Life

Under adequate conditions ELFLUX A990 can be stored in original unopened containers for a minimum of 12 months.

The information contained herein is based on technical data that we believe to be reliable and is intended for use by persons having technical skill, at their own risk. Users of our products should make their own tests to determine the suitability of each product for their particular process. TAMURA ELSOLD will assume no liability for results obtained or damages incurred through the application of the data presented.