



Etimol SW 20 CN

Cat.-no. 5107

CONCENTRATE for SMT-Stencil cleaning within automatic equipment

Electronics cleaner:

Solvent-based, neutral

(Free from short-chain alcohols: isopropyl alcohol, ethyl alcohol, etc...)

WEEE/RoHS-compliant



Etimol SW 20 CN is a neutral electronics-cleaner “concentrate to dilute with DI-water” and is formulated on a solvent basis with special organic additives. This formulation effectively cleans and removes flux residues, paste residues and general soldering process residues. This cleaner was developed as an alternative to conventional alcohol-based cleaners and is free of isopropyl alcohol, methyl alcohol, etc.).

Etimol SW 20 CN is characterized by its high dilution ratio (from practice: 1 part concentrate : 4 parts DI-water) and its mild odor. The pH-neutral cleaning concentrate is blended 1 part to 4 parts DI-water (equals ready diluted Etimol SW 25 RAN).

In difficult cleaning processes, **Etimol SW 20 CN** can also be used directly (without dilution with DI water).

Etimol SW 20 CN is a solvent-based stencil cleaning fluid specifically designed to clean solder paste, uncured SMT adhesive and flux residue from stencils, mis-printed PCBs, stencil tools and printing squeegees. **Etimol SW 20 CN** can be used in the appropriate dilution in automated stencil wiping processes, manual wiping and ultrasonic cleaning systems, as well as in spray systems designed for solvents.

The solvent-based formulation was specially developed to ensure a high level of occupational safety in combination with the resulting high flash point.

Etimol SW 20 CN supports the elimination of flammable and hazardous solvents from the production area.

Our electronics cleaner consists exclusively of highly pure substances and is free of impurities. These have been specifically selected for electronics manufacturing and do not cause corrosion.

Etimol SW 20 CN is compatible with all materials commonly used in electronic assembly manufacturing and cleaning processes.

Technical specifications:

RoHS:	Compliant
WEEE:	Compliant
Odor:	Mild
Appearance:	Colourless, transparent, liquid
Density (20° C):	0,95 – 1,0 g/ml
pH-value:	Neutral (Solvent-Based)
Halogen-Content:	0 % (halogen and halide free)
System:	Solvent based with additives
Solvents:	No easily flammable substances, water-free
VOC:	0%
Boiling point / range:	>100°C
Flash point:	87°C / Dilution with DI-water (1:4 DI-water) = no flash point

EMIL OTTO
Flux- und Oberflächentechnik GmbH
D-65346 Eltville – Eltviller Landstr. 22

Tel.: +49 (0)6123 / 70 46 0 – Fax: +49 (0)6123 / 70 46 15





Etimol SW 20 CN

Cat.-no. 5107

CONCENTRATE for SMT-Stencil cleaning within automatic equipment

Electronics cleaner:

Solvent-based, neutral

(Free from short-chain alcohols: isopropyl alcohol, ethyl alcohol, etc...)

WEEE/RoHS-compliant



Reliable cleaning results with:
(SMT-Stencil cleaning process)

Flux residues, paste residues, resin/rosin, waxes,
condensate from PCB boards, leaded, lead-free,
SMT-adhesives

Recommended application:

The pH-neutral cleaning concentrate is blended
1 part concentrate to 4 parts DI-water (equals ready diluted
Etimol SW 25 RAN). For manual cleaning, automatic-fully,
automatic cleaning, cleaning in an ultrasonic bath.
The innovative blend shows excellent dissolving properties that
grant stable and high-quality cleaning results and shows excellent
rinsability with itself and DI-water.
The cleaning media is used straight at room temperature and put
within the cleaning tank of the automatic equipment.

Ultrasonic bath:

Etimol SW 20 CN up to 60°C / Dilution with DI-water >60°C

Shelf life:

36 months

Storage conditions (recommended):

Store in a cool and dry place (5°C – 25°C)

Working temperature:

Usually: 10 – max. 61 °C

Transportation:

No dangerous goods

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).

Customer benefits:

- CONCENTRATE for mixed/diluted with DI-water (1 part concentrate to 4 parts DI-water = equals ready diluted Etimol SW 25 RAN)
- Highly effective cleaning results
- Multi-purpose applications
- High spectrum of activity
- Gentle on systems and materials used
- Low odor / no VOC
- Not aggressive towards electronic components
- Formulation consists of highly pure individual components
- Contains no halogen or halide compounds
- Free from phosphorus, sulfur and nitrogen compounds
- Acid and base free (pH neutral)
- Free from highly flammable solvents
- Contains no corrosive chemicals
(No caustic -corrosive- chemicals in maintenance cleaning operations)
- No dangerous goods
- Completely miscible with DI water
- Storage stable
- Minimum durability of 36 months
- Good drying properties

EMIL OTTO
Flux- und Oberflächentechnik GmbH
D-65346 Eltville – Eltviller Landstr. 22

Tel.: +49 (0)6123 / 70 46 0 – Fax: +49 (0)6123 / 70 46 15





Electronic

Etimol SW 20 CN

Cat.-no. 5107

CONCENTRATE for SMT-Stencil cleaning within automatic equipment

Electronics cleaner:

Solvent-based, neutral

(Free from short-chain alcohols: isopropyl alcohol, ethyl alcohol, etc...)

WEEE/RoHS-compliant



APPLICATION AREAS:

- Higher quality electronics manufacturing
- Automotive sector
- Food area
- Air and. space sector
- Medical field
- Electrical area
- Tool and mechanical engineering
- Maintenance

Packing units:

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

EMIL OTTO
Flux- und Oberflächentechnik GmbH
D-65346 Eltville – Eltviller Landstr. 22

Tel.: +49 (0)6123 / 70 46 0 – Fax: +49 (0)6123 / 70 46 15



The above described attributes are average values. They are meant solely for your information and are no specifications as such. These instructions of use are without obligation and do not exempt our customers from their own trials of suitability for their own purposes.