



Etimol SEM 14 RAA

Cat.-no. 5133

Electronic cleaner / Special electronic oven cleaner
[For foam application with stable and effective foam]

-Highly active formulation-

For electric ovens cleaning and maintenance cleaning

WEEE/RoHS-compliant



Etimol SEM 14 RAA 4 RAA is a pH alkaline electronic oven cleaner and is water based and formulated with special organic solvents. It has been developed to be extremely powerful with highly active additives. This enhanced and improved formulation has excellent foaming and action properties. This means that burnt-in flux and condensates are quickly and effectively cleaned and removed from circuit boards from reflow, wave, selective and vapor phase soldering systems.

Etimol SEM 14 RAA has a mild odor even when used in warm appliances and due to the increased foaming effect, better cleaning results are achieved, especially in oven cleaning processes.

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

Etimol SEM 14 RAA 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.

Technical specifications:

Appearance:	Colourless-slightly amber, transparent, liquid
Odor:	Mild
Density (20° C):	1,000 +/- 0,005 g/ml
pH-value:	Alkaline: pH (9-13)
Halogen-content:	0 % (halide free)
System:	Water based with solvents and alkaline additives (cleaning-active formulation with enhanced foaming effect)
Solvents:	Glycol-based, free of short-chain alcohols
Boiling point / range:	>100°C
Flashpoint:	None (>85 °C)
Application:	Especially for foam application / Ready-to-use
Recommended use:	Cleaning of electric ovens / Maintenance
Reliable cleaning results with:	Flux residues, condensate from PCB boards / leaded, lead-free, solder pastes, SMT-adhesives
Shelf life:	36 months
Storage conditions (recommended):	Store in a cool and dry place (5°C – 25°C)
Working temperature:	At room temperature (usually 20-25 °C)
Transportation:	No dangerous goods

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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).

Application notes:

The cleaning medium is sprayed directly onto the surface to be cleaned at room temperature - in the form of a very stable foam film - then left to act for a few minutes and then wiped off. Thanks to the innovative composition, the mixture leaves no residue in the device, even at soldering temperatures of >200 °C.

Customer benefits:

- Increased foam formation through additional special additives
- Highly efficient cleaning effect (enhanced cleaning formulation)
- Vvery strong and effective formulation
- Multi-purpose applications
- Aqueous cleaning media for maintenance of soldering equipment
- Leaves no sticky residue
- Ensures better cleaning performance
- Low odor
- Not flammable
- Contains no corrosive chemicals
(No caustic -corrosive- chemicals in maintenance cleaning operations)
- No dangerous goods

Packing units:

1 liter in foam spray bottles

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

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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.

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