

Precision Cleaning Medium for Manual flux Removal

VIGON® EFM is a precision cleaning agent designed to remove flux residues from electronic assemblies in manual applications. It is supplied in an aerosol can with an attached cleaning brush for easy manual application. VIGON® EFM can also be purchased in straight liquid form.

Technical Data	
Density (g/ccm) at 20°C (68°F)	0.715
Surface tension (mN/m) at 25°C (77°F)	22
Boiling range (°C/°F)	78 – 120 / 172.4 – 248
Flash point (°C/°F)	-12 / 10.4
pH-Value (10g/l H2O concentrate)	neutral
Vapor pressure (mbar) at 20°C/68°F	77
Cleaning temperature (°C / °F)	Room temperature
Solubility in water	Not soluble
Application concentration	Pure

HMIS Rating	
Health	1
Flammability	4
Reactivity	0

Areas of application			
Removal of:			
Low solid flux residues	o	Solder paste (unsoldered)	o
Rosin based flux residues	++	SMT or conductive adhesives	★; ★★
Water soluble flux residues	★		

++ highly recommended, best results + recommended o possible

★ we recommend VIGON® SC 200, VIGON® SC 202

★★ or ZESTRON® HC for this application.

Please ask for a detailed overview on flux residues that have been tested.

Process			
	Cleaning	Rinsing	Drying
Manual	VIGON® EFM	VIGON® EFM	Open air

Special properties:

- pH-neutral.
- Halogen-free.
- Used at ambient temperature.

Please check material compatibility, and refer to the material compatibility list, before cleaning plastics.

Advantages compared to other surfactant cleaners:

- Rapid removal of flux residues.
- Neutral pH results in outstanding compatibilities towards plastic materials.
- Easy-to-use aerosol can and detachable brush make VIGON® EFM ideal for bench-top applications by allowing dispensing and brushing in a single motion.
- Components have low boiling points, assuring quick, residue-free drying.



Environmental, health and safety regulations:

VIGON® EFM is biodegradable.

Availability:

VIGON® EFM is available in easy-to-handle aerosol cans with detachable brush for manual removal of flux residues. It is also available in 1l, 5l, 60l and 200l containers.

Storage:

Store VIGON® EFM in the original Container at a temperature between 5°C - 30°C. The product has a minimum shelf life of 5 years in factory sealed containers.

For more information please contact:

Siemens Nederland N.V.
ESD Services
Remmerden 5
3911 TZ Rhenen
P.O. Box 129
3910 AC Rhenen
The Netherlands
Phone +31 31 739 87 87
Fax +31 31 739 87 80

release date: 16.01.02/SH

We believe all the information in these pages including technical data to be reliable. However we make no warranties expressed or implied and assume no liability regarding any use of this information.