

# VIGON<sup>®</sup> plus DF 30

## Defoamer for VIGON<sup>®</sup> and ATRON<sup>®</sup> cleaning agents



VIGON<sup>®</sup> plus DF 30 is an additive specifically developed for VIGON<sup>®</sup> and ATRON<sup>®</sup> cleaning agents. Its formula prevents the cleaning bath from foaming in spray-in-air wash and rinse sections. The additive extends the process window and therefore compensates for any reduced cleaning performance caused by process-related contaminations.

Area of application:		Dosage:
PCB Cleaning	++	The application concentration must be adapted to respective cleaning application. Please feel free to contact our Application Technology Department: Tel.: +49 (0)841 635-26 E-Mail: techsupport@zestron.com
Stencil cleaning	++	
Maintenance cleaning	++	

++ highly recommended, best results      + recommended      0 possible      - not recommended

### Technical Centers - ① America, ② Europe, ③ Malaysia, ④ North-China, ⑤ South-China Cleaning Process Solutions under Production Floor Conditions





### Advantages compared to other cleaners:

- VIGON<sup>®</sup> plus DF 30 can be used and recirculated together with the cleaning medium in a closed loop system.
- Due to its silicon-free formulation, the additive does not leave any residues on the surfaces.
- Proper rinsing is required.
- Applicable with all VIGON<sup>®</sup> and ATRON<sup>®</sup> products in automated processes
- Free of mineral oils and silicone.
- Does not influence the wetting characteristics of the cleaning agents, the rinsing medium or the cleaning results.

Technical Data		
Density	(g/ccm) at 20°C/68°F	0.99
Boiling range	°C/°F	None
Flash point	°C/°F	None
pH-value	10g/l H <sub>2</sub> O	4.0
Solubility in water		Soluble
Viscosity	mPas DIN 53015 at 20°C/68°F	250
Area of application*	Concentration	0.1 % of the total bath volume

\*Note: The additive concentration has to be calculated based on the total volume.

PRODUCT FEATURES		
	Product is free of any critical substances according to SIN & SVHC lists	
		100% compliance with EU guidelines (RoHS 1 & 2, WEEE)

### Environmental, health and safety regulations:

- VIGON<sup>®</sup> plus DF 30 is water-based and biodegradable.
- The cleaning agent is formulated free of any halogenated compounds and is environmentally friendly.
- No special precaution for the handling of VIGON<sup>®</sup> plus DF 30 is required.

### Availability/Storage:

- VIGON<sup>®</sup> plus DF 30 is available as concentrate in 1l bottles and 5l containers.
- VIGON<sup>®</sup> plus DF 30 is a non-hazardous material.
- Store VIGON<sup>®</sup> plus DF 30 in the original container at a temperature between 5 - 30°C / 41 - 86°F.
- The product has a minimum shelf life of 5 years in factory sealed containers.

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