

# ASAHIKLIN

## AE-3000 Series

AGC

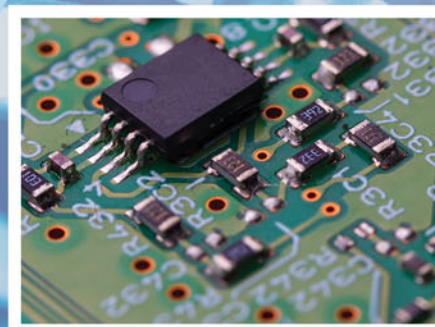
### Solving Cleaning Needs with Environmentally Friendly Fluorosolvents

**AE-3000 series** of fluorinated fluids were developed as alternatives to HCFC-225, nPB, TCE, PCE, Chemours Vertrel™, Honeywell Solstice™ and 3M™ Novec™.

They are modern cleaning agents having:

- No Flash Point
- No Ozone Depletion Potential (ODP)
- Low Global Warming Potential (GWP)
- Low Surface Tension

	AE3000	AE3100E	AE3000AT	AE3000ATE	AT2
Boiling Point °C	56	54	48	42	44
KB Value	13	14	32	38	66
Flammability and Flammability Range	None	None	None	None	None
Ozone Depletion Potential (CFC-11=1)	0	0	0	0	0
Global Warming Potential (CO <sub>2</sub> 100yr ITH)	540	540	268	257	112
Packaging	20 kg Pail 300 kg Drum	20 kg Pail 250 kg Drum	20 kg Pail 250 kg Drum	20 kg Pail 250 kg Drum	20 kg Pail 250 kg Drum



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## Applications and Attributes

### Precision Cleaning

- High reliability products
- Hybrid alloys
- Precision metal components
- Tailored solvency
- Good material compatibility
- Low surface tension
- Non-flammable / no flash point
- Recyclable through distillation

### Electronics Cleaning

- RMA / RA fluxes
- No-clean fluxes
- Printed circuit boards (PCBs)
- Low surface tension
- Good material compatibility
- Non-flammable / no flash point
- Residue free
- Fast drying

### Carrier Fluid

- Carrier solvent for fluorinated oils and greases
- Carrier solvent for silicone oils
- Good coating performance
- Rapid drying
- Good wetting agent
- Non-flammable

### Solvent Drying

- Also known as "dewatering" or "moisture displacement"
- Final step after aqueous or alcohol cleaning
- Low surface tension
- Reduces drying time
- Residue free - no spots
- Broad range of material compatibility
- Recyclable through distillation



**AGC Chemicals Americas, Inc.**  
55 E. Uwchlan Avenue, Suite 201  
Exton, PA 19341  
United States of America

Telephone: +1 610-423-4300  
Toll Free (US only): 800-424-7833  
Fax: +1 610-423-4305

[www.agcchem.com](http://www.agcchem.com)

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