

**GENERAL DESCRIPTION**



**UCC A542-AS** is a water-based cleaning agent, it is capable to remove conformal coating and solder paste effectively. It guarantees steady printing image, no solder balling, excellent solder result and best coating cleaning. Due to its unique formulation, it will not leave any residues on the PCB or pallet.

**AREAS OF APPLICATION**

<b>Low Solid Flux Residues</b>	Good Result
<b>Rosin Based Flux Residues</b>	Good Result
<b>Water Soluble Flux Residues</b>	Good Result
<b>Conformal Coating</b>	Good Result
<b>SMT Adhesive</b>	Best Result
<b>Solder Paste</b>	Best Result

**TECHNICAL DATA**

<b>Appearance</b>	Clear Liquid
<b>Specific Gravity @ 25 degC</b>	0.94
<b>PH Value</b>	10
<b>Flash Point</b>	No
<b>Boiling Point</b>	220 degC
<b>Cleaning Temperature</b>	60 degC
<b>Application Concentration</b>	25%
<b>Cleaning Time</b>	20 minutes
<b>Solubility in Water</b>	Soluble



### RECOMMENDED PROCESS

<b>OPERATING CONCENTRATION</b>	< 20%
<b>OPERATING TEMPERATURE</b>	< 55 degC
<b>RINSING</b>	DI Water / <b>UCC- A542-AS</b>
<b>DRYING</b>	Air Dry

\*The recommendation above based on the testing done in UCC Lab.  
UCC's Sales Representative will assist you in Optimizing the process parameters for you.

### FEATURES & BENEFITS

- Non - hazardous material
- No residues leave on the Pallets, PCB and Stencil
- It provides a very low ionic contamination to the cleaned boards
- Low VOC emission
- Does not contains any halogenated compound
- Does not contains any halide material
- Steady printing image, no solder ball and excellent solder after cleaning with **UCC A542-AS**
- A Bio-degradable product
- Achieve more prints and more output

### HANDLING & SATETY

Standard safety precaution should be followed to protect workers on handling this product. All the ingredients in this product are non-flammable, non-corrosive and can ship via ground, ocean or air.

### STORAGE & SHELF LIFE

Store in cool, dry and well ventilated are. (No special storage needed)  
A suggested shelf-life of 5 years in factory sealed containers



### PACKING

**UCC A542-AS** is available in 20L and 200L containers

### DISPOSAL

**UCC A542-AS** is a bio-degradable product, local regulation should be consulted for disposal on factors like PH and COD level

### TECHNICAL SUPPORT

UCC sets the industry standard in providing rapid response, on-site technical support for our customer worldwide

