



# PRODUCT DATA SHEET

## Aqueous Cleaner/Detergent

August, 2008

### DESCRIPTION

**Vichem 600A** aqueous cleaning additive is designed for use in **all types** of aqueous printed circuit board cleaning processes. They are **safe** for manual batch washing and in-line cleaning systems. They can be used for removing oils and greases, cleaning screens and stencils, **as neutralizer** for active fluxes, or in stronger concentrations as **rosin saponifier**. The material is totally **biodegradable**.

- ◆ **Vichem 600A** contains a specially selected **defoaming system** that eliminates foaming and drag-out problems without the use of silicone containing anti-foam agents. For the best results during cleaning, wash water temperature should be maintained between 140 - 160°F / 60 – 70 °C.
- ◆ **Vichem 600A** also works effectively for solder paste screen and stencil cleaning.

PHYSICAL PROPERTIES	600A	
Appearance	Turbid yellowish liquid	
Specific gravity	1.009	
pH	11 - 12	
Flash point, T.C.C.	95 °C – 200 °F	
Saponification	5 - 10%	6.5 - 13 Oz./Gallon water 50 – 100 Gr./Liter water
Neutralization	2 - 4%	2.5 - 5 Oz./Gallon water 20 – 40 Gr./Liter water
Degreasing	1 - 2%	1.5 - 2.5 Oz./Gallon water 10 – 20 Gr./Liter water

**SAFETY** **Vichem 600A** is alkaline in nature and is corrosive in concentrated form. Avoid contact with the skin, eyes and clothing. Wash affected areas thoroughly after exposure. Handle with proper protective equipment. Material Safety Data Sheets are available upon request.

**PACKAGING** **Vichem 600A** is available in 1-gallon jugs, 5-gallon pails and 55-gallon drums.

**STORAGE** **Vichem 600A** has a shelf life of 24 months when stored in the original sealed container at ambient temperatures. Avoid freezing temperatures and always reseal containers after use and store away from moisture.

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