



### PRODUCT DESCRIPTION

**Ulterion® APH** is an aqueous solution of flame retardant salts ideally suited for the treating blends of natural and synthetic fibers, as well as paper-to-film laminates.

**Ulterion® APH** provides an optimal balance of halogenated and non-halogenated components, which makes it highly efficient in a broad range of fiber blends and composites. Typical application rates range from of 5% to 10% on the weight of the treated substrate.

### Typical Properties

Total Solids (%)	43.0
Phosphorus Content (wet %)	3.0
Bromine Content	16.0
pH	5.5
Viscosity (cps)	10
Density (lbs/gallon)	10.4
Appearance	Clear, Pale Amber Liquid

### Application Methods

**Ulterion® APH** can be applied directly to the substrate to be flame retarded by padding, spraying or roll coating.

**Ulterion® APH** can result in discoloration of some materials at elevated temperatures. Drying of treated materials at temperatures below 250° F will minimize this.

**Ulterion® APH** is widely used in the manufacture of disposable, single-use fabrics and protective coverings.

**Ulterion® APH** is completely water soluble and is not durable to water leaching or laundering. It is not recommended for use in apparel, outdoor furnishings, or in other applications where exposure to water is likely.

*The information contained herein is thought to be accurate in all aspects; however, the applications for these products mentioned are presented without guarantee or responsibility as to the suitability of our products whether used singly or in combination with other products. Nothing herein is to be taken as a license to operate under or as a recommendation to infringe any patents. The products are sold without warranty, expressed or implied, and are purchased at buyer's risk.*

### MARKET USES

- Paper Treatment
- Textile Finishing

### Packaging

**Ulterion® APH** is available in 55 gallon drums, 275 gallon totes, and in bulk tanker loads.

### Handling / Storage Stability

Keep from freezing. Store in cool, dry area i.e., 70-80°F. Keep away from high heat to retain a six-month shelf life.

### Product Safety

**Ulterion® APH** is classified as a non-hazardous liquid. As with all industrial chemicals, basic handling precautions are recommended. Avoid skin contact. Avoid mist inhalation or eye contact. Wear protective clothing and goggles if there is a chance of exposure. Prolonged skin contact may produce irritation.

When considering the use of **Ulterion®** brand products, please refer to the latest Safety Data Sheets (SDS). If a SDS for this product is required, please contact your **Jain Chem Representative**.