

## ECCOSHIELD® CPE

### CLASSIFICATION

Modified nitrogenous/phosphate condensate.

### PROPERTIES

Appearance	- Slightly hazy colorless liquid
Solubility in Water	- Readily soluble in water @ 100°F
pH (2% sol'n)	- 4.5 ± 0.3
Density	- 10.4 lbs/gallon
Solids Cont	- 35.0% minimum
VOC's	- 0%
Heavy Metal Content	- nil

### GENERAL COMMENTS

ECCOSHIELD® CPE is an extremely efficient water soluble flame retardant designed for use on cotton, synthetic or blended fabrics.

Fabric properly treated with this flame retardant will not support combustion, glow or flaming in the presence of a flame. Removal of the flame will show charring, meeting FAA standards.

Treated fabric is permanently fire resistant provided the goods are not laundered. The flame resistant properties are durable to dry cleaning.

ECCOSHIELD® CPE is supplied as a liquid, thereby giving immediate solubility in application baths making for quick and easy use in plant processing.

### STABILITY

This product is stable to normal storage. Prolonged exposure to cold temperatures may produce slight sediment; warming with stirring will restore the product.

### APPLICATION

ECCOSHIELD® CPE is readily soluble in the application bath, temperatures of 100°F to 140°F are suggested for application. At these temperatures, better penetration and solids pick-up are encountered.



Application by padding is recommended. The concentration applied will vary with the percent pick-up and the type of fabric being treated. Usually loose-weave fabrics require concentration application baths. Normally a 20 to 25% padding bath will show satisfactory results where the wet pick-up is 70 - 80%. If wet pick-up is less, drying only is required.

ECCOSHIELD® CPE can be applied by spray and dry. Applicator should take care to ensure that the spray is uniform across the fabric surface.