

PERFORMANCE FEATURES

- Dye leveling
- Dye bath lubricant

Product Description

Ulterion[®] 4300 is an anionic polyacrylamide polymer supplied as an emulsion. It has wide use as a dye bath lubricant in textile processing applications. *Ulterion[®] 4300* is a high molecular weight, highly cationic polyamine coagulant used as a dye fixative in VAT dyeing operations

Typical Properties

Appearance	Opaque liquid
Ionic Character	Anionic
Charge Density	Low
Molecular Weight	High
Approx. Bulk Density	1.03
Active Content (%)	29
Bulk viscosity (cps)	1200
Maximum Concentration (g/l)	5
Stability of D.I. solution (days)	8
Approx. Viscosity (5 g/l active content (cps))	1000
Storage Temperature (°C)	0 – 35
Shelf Life (months)*	6

*When stored inside a building at a stable temperature between 5° and 30 °C

Application Methods

Ulterion[®] 4300 promotes adhesion of the processing bath to fabric. Creasing and chafe marks can be reduced by lowering the coefficient of friction at the fabric's surface. A bath concentration of 2-4% polymer is recommended. Addition should occur early in the bath. *Ulterion[®] 4300* controls friction with most fibers

MARKET USES

- Textile dyeing

Handling / Storage Stability

Ulterion[®] 4300 should be stored in a temperature-controlled environment. Insulated tanks are recommended for bulk storage. These products are freeze-thaw stable. However, if frozen, product must be mixed thoroughly prior to use. It is recommended to keep *Ulterion[®] 4300* from freezing. For spills of *Ulterion[®] 4300* sprinkle sawdust or vermiculite over the spill area and sweep the material into approved chemical disposal containers.

Product Safety

When considering the use of **Ulterion International** products, please refer to the latest Material Safety Data Sheets (MSDS). If you require an MSDS for this product; please call (770) 579-0552 or your **Ulterion International Representative**.

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