

RAINOFF® FC-6

CLASSIFICATION

RAINOFF® FC-6 is a non-ionic, carbon 6-based fluoropolymer water, oil, and alcohol repellent for textiles. RAINOFF FC-6 does not contain any detectable PFOS, PFOA and is not manufactured with sulfur intermediates. RAINOFF FC-6 is highly concentrated and performs well on synthetic and cellulosic fibers. RAINOFF FC-6 also shows good performance at low temperature cures so it is suitable on polypropylene, wool and silk. Does not contain detectable amounts of either PFOA or PFOS.

PROPERTIES

Appearance	- Off-white, beige emulsion
PH (5% dilution)	- 4.0 +/- 0.8
Specific gravity	- 1.10
% Solids:	- 30% +/- 1.5
Ionicity	- non-ionic

GENERAL COMMENTS

RAINOFF® FC-6 is a fluoropolymer based water and oil repellent for all cellulosic and synthetic textiles. **RAINOFF® FC-6** can be used on polypropylene fabrics and other textile applications requiring low temperature curable applications

APPLICATION

Textiles: Best results occur with the finish liquor pH adjusted to 4 – 5. Prepare a 0.5-5.0% solution of **RAINOFF® FC-6** and apply by pad, spray or coater, dry completely, then cure at 240-350°F. **Higher curing temperatures will improve performance and permanence.**

The water and oil repellent effects can be impaired by residues of auxiliaries on the goods being finished such as fiber finish oils, sizes, surfactants or dyeing assists. Silicone finish oils or softeners can also have a bad effect.

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