



FLAME GUARDIAN SERIES FG-200 FLAME RETARDANT

Description	FG-200 flame retardant is a high purity food-grade water-soluble non-halogen flame retardant comprised of a synergistic blend of phosphor and nitrogen.	
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Applications	FG-200 flame retardant provides a cost effective solution to flame retardant formulations in a wide variety of natural fiber applications. FG-200 is effective when applied to textiles, cardboards, paper, and other cellulosic applications.	
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Benefits and Features	FG-200 flame retardant is a prime candidate for most non-polymer applications due to its overall performance and cost effectiveness. Due to its high phosphor content, FG-200 is highly effective in achieving desired levels of flame resistance with low additive levels.	
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Typical Properties	Appearance	Clear Liquid
	PH	6.8 – 7.8
	Thermal Decomposition after dry	160 C

Usage Level	Add-on level of FG-200 flame retardant varies from 6% to 20% finished dry add-on weight.	
	FG-200 flame retardant may be applied by pad, spray, or brush. A wetting agent may be added to improve penetration. Dry at temperature of 100C or lower.	

Shipping Information	Non-hazardous material per DOT	
	Available in 55 gallon drums or 5 gallon pails	

Responsible Care	Turning Star, Inc. is committed to the safety and well-being of our customers, employees and the community. Refer to the material safety data sheet for specific safety, handling, and toxicity information.	
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