



CHEMICAL INNOVATIONS

ALEXIUM INTERNATIONAL GROUP LIMITED

Alexium moves into Mexico and Central America through Outdoor Industrial Fabric Applications with Alexiflam NF™ Fire Retardant (FR) Treatment

Perth, WA and Greer, South Carolina: Alexium International Group Limited

(Alexium) (ASX:AJX, AX:AJX, OTC QX:AXXIY) is pleased to announce it is establishing a footprint in Mexico and Central America to accommodate a new customer's purchase order for a scale-up production run trial in the outdoor industrial fabric market.

The 100% cotton fabric will be treated with an Alexiflam NF™ formulation for natural fibers—a newly developed, proprietary technology from Alexium researchers. This new bromine-free, environmentally friendly, FR treatment has fulfilled all customer specifications requirements and Alexium is confident going into a full-scale plant trial.

The annual market for fire retardant formulations for cotton textiles in outdoor industrial fabrics is estimated at US\$50 million. The initial revenue opportunity for our Alexiflam NF™ formulation technology, for annual consumption of FR chemistry is expected to be in the range of US\$2-5 Million pa. Alexiflam NF series can also be used as an FR finish on cotton textiles blended with nylon, polyester, or other blends, which is a larger market again.

“This new semi-durable finish on industrial cotton fabric is applicable across various markets representing a very significant opportunity for Alexium with immediate revenues and the ability to grow as the market moves towards environmentally friendly and performance enhancing FR formulations,” said Steve Gravlee, Alexium VP of Sales.

Nicholas Clark, CEO and Executive Director, said, "This exciting development for Alexium not only establishes the value and performance of our Alexiflam NF™ series for natural fibers but also enables us to build a footprint in the Central American marketplace, as well as extending on the outdoor industrials market" Mr. Clark further added, "what we are happy to see, is that our new customers continue to invest in Alexium by purchasing chemistry, whilst our existing customers are increasing their orders".

Alexium will provide further information on this Customer as trials progress.

For more information, please visit Alexium's website at www.alexiuminternational.com

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About Alexium

Alexium International Group Limited (ASX: AJX, AX:AJX OTC QX: AXXIY) holds proprietary patent applications for a process developed initially by the U.S. Department of Defense, which allows for the surface modification and attachment of nano-particles or multiple chemical functional groups to surfaces or substrates to provide functions such as fire retardancy, water proofing, oil proofing, and anti-microbial treatments. Applications under development include but are not limited to textiles, paints, and packaging, glass and building materials. Alexium's fire retardant chemical treatment are currently marketed for different fabric markets under the Ascalon™, Nycolon™, Nuvalon™, and Polytron™, Omnitron™ and Bactron™ trademarks.

