



CHEMICAL INNOVATIONS

ALEXIUM INTERNATIONAL GROUP LIMITED

Murdock Webbing Announces Alexium as New Provider of Flame Retardant (FR) Chemistry

Highlights:

- **Alexium's fire retardant (FR) chemistry formulations will be added to Rhode Island-based Murdock Webbing's fire retardant webbing product lines**
- **Murdock Webbing is a major supplier of rigid and stretch webbing for straps to end users ranging from US Military products to high speed/stock car racing vehicles, building industry harnesses, fall protection, transportation and hospitals**
- **The global webbing market for rigid and stretch webbing is estimated at US\$3.2 billion per annum.**
- **First sales will be in the FR Stretch Webbing market segment for use in flexible goggle straps for the US Military**
- **Alexium expects to expand with Murdock into the much larger FR Rigid Webbing market which includes military FR equipment applications for backpacks, parachutes, field vests, duffle bags, uniform accessories, belts and tents**
- **Alexium anticipates its FR chemical formulation will be expanded in Murdock's wider market that spans large commercial use.**

Perth, WA and Greer, South Carolina: Alexium International Group Limited (Alexium) (ASX:AJX, AX:AJX, OTC QX:AXXIY) is pleased to advise that Rhode-Island based Murdock Webbing has announced it will be introducing Alexium's proprietary environmentally friendly fire retardant (FR) chemistry formulations into its FR webbing product lines.

Murdock Webbing is a major supplier of rigid and stretch webbing for straps to end users ranging from US Military products to safety harnesses to rigid tie-downs. Murdock Webbing's US Military webbing products include: flexible stretch strapping for goggles and rigid strapping for backpacks, parachutes, field vests, duffle bags, uniform accessories, belts and tents.

Ray Clarke, VP of Sales for Murdock Webbing said: “As collaboration with Alexium continues, we are confident with our decision to use Alexium’s flame retardant products as those products continue to exceed our expectations for performance.”

First Alexium FR formulation sales with Murdock Webbing are in the **FR Stretch Webbing** market segment for use in flexible straps for goggles for the US Military.

Immediately following on from this first product line, it is anticipated Murdock will expand the use of Alexium’s FR formulations on its products into the much larger **FR Rigid Webbing** market including military FR equipment applications for backpacks, parachutes, field vests, duffle bags, uniform accessories, belts (including seat belts) and tents.

FR Rigid Webbing is also essential for a variety of uses including: harnesses for high speed racing vehicles/stock car, building industry harnesses, fall protection, transportation load strapping and hospital applications. It is intended that Alexium’s FR formulations for Murdock Webbing’s products will also extend to this wider market. Murdock Webbing’s products with Alexium FR formulations are anticipated to be available to end-use customers no later than Q1 2016.

Nicholas Clark, CEO and Executive Director of Alexium, said: “As we continue to capture more of the military market, we feel Murdock Webbing, with a steadfast reputation within the military arena, was the perfect choice for collaboration on this specialist application. Beyond our efforts with Natick on 50/50 Nylon Cotton for FR Uniforms, this is the next step in our goal of supplying the military with all of its FR equipment needs.”

Murdock Webbing has production facilities in Tarboro, North Carolina, which utilizes modern-day technologies and processes to service customers in the Sling & Tie Down Industry.

In the early 2000s, Murdock further expanded its offerings by purchasing the assets of two Jacquard weaving facilities, Velcro Webbing (formerly Impact Textiles) from Fall River, Massachusetts and Bison Weaving from Longmont, Colorado. The equipment from these two acquisitions was relocated to its Rhode Island facility, giving Murdock the largest US domestic capacity for Jacquard narrow woven fabrics.

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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 US 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.

About Murdock Webbing - Central Falls, Rhode Island:

Since 1792, when Samuel Slater established the first American textile mill in Pawtucket, Rhode Island, this area has had a rich tradition in the textile industry. The same spirit of innovation that inspired Slater to develop manufacturing techniques for spinning yarn is carried on today at Murdock Webbing Co., Inc. Founded in January of 1936 by M.I.T. graduate Frederick Murdock, just a few miles from Slater's original mill, Murdock Webbing began with 10 employees and two looms weaving Venetian blind tape. As WWII erupted, the industrial base began to gather even more momentum and Murdock Webbing played an active role in producing cotton webbings for the war effort while at the same time helping to introduce synthetic fibers into the narrow fabrics industry.

Murdock further expanded its product line by playing a vital role in developing the specifications for arresting tapes which are still followed today. These arresting tapes are used at modern military installations around the world ensuring the safety of military personnel.

For more information on Murdock Webbing please see www.murdockwebbing.com.