

## Alexiflam™ FR Treated Samples Sent to the United States Marine Corps

*Alexium FR passes independent testing to Marines Corps  
Uniform Standards*

### Highlights

Alexium continues to build positive relationships with the U.S. Military.

- Alexium treated U.S. Marine Corp uniform fabric samples are currently being evaluated.

**Perth, Australia and Washington, D.C. – 5 November 2016** -- On the heels of meeting with senior personnel at United States Marine Corps Systems Command to discuss next generation flame retardant military uniforms, Alexium International Group Limited ("Alexium," "the Company") (ASX:AJX, OTC QX:AXXIY) is pleased to announce that it recently furnished the Marines samples of Corps approved uniform fabric treated with Alexium's environmentally friendly flame retardant chemistry along with independent testing data.

These samples will now be evaluated by technology and procurement specialists at the Infantry Combat Equipment (ICE) division of the Marine Corps, which has the task of ensuring the uniforms worn by the Marines are safe and effective.

"Much like the consumer market, the military market has reacted to the serious health risks, both to personnel and the environment, of using dangerous, outdated flame retardant chemistry. When we met with the Marines, they immediately requested data and samples of their preferred fabric treated with our innovative FR chemistry, and we are pleased to deliver on that request and to have our product evaluated against the most stringent specifications," said Alexium CEO Nicholas Clark. "With our continued work with the Army, working closely with the Marine Corps is a natural step for Alexium to take, and I have every confidence that after evaluation, Alexium will play a vital role to help protect these brave men and women who serve," added Clark.

Marine Corps Systems Command and the Army's Program Executive Office - Soldier have been collaborating to develop, test and deliver ever-better capabilities for Marines and Soldiers. These acquisition professionals are tasked to ensure uniforms and personal protective equipment are safe and effective. This effort is ongoing, and flame resistant uniforms and protective materials was listed as a top priority for this group in September, and Alexium has been well received since the initial discussion began.

Alexium President, Dirk Van Hying added "Expanding our efforts with the United States military has always been a goal of Alexium, and this advances that effort in a significant way. Alexium first targeted producing an eco-friendly FR nylon-cotton twill product for the Marines over two years ago and our significant progress toward a finished, ready-to-go uniform fabric was clear to the Marines, as evidenced by the request for data and samples Alexium has provided. This is an exciting complementary effort to our work with the Army."



# ALEXIUM

SPECIALTY CHEMICALS AND SOLUTIONS

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Alexium International Group Limited (ASX: AJX, AX:AJX OTC QX: AXXIY) holds proprietary patent applications for novel technologies developed to provide flame retardancy for a wide range of materials. These environmentally friendly flame retardants have applications for a number of industries and can be customized. Further, Alexium has developed products for a range of other applications including phase-change materials, water repellents, antimicrobials, and combinations thereof. Alexium also holds patents 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 antimicrobial treatments. Applications under development include but are not limited to textiles, packaging, electronics, and building materials. Alexium's chemical treatments are currently marketed under the Alexiflam™, Alexiflam FR™, Alexiflam SYN™, Alexiflam NF™, Alexicool™, Alexiflam PB™, and Alexiflam AD™ brand names. For additional information about Alexium, please visit [www.alexiuminternational.com](http://www.alexiuminternational.com).