

First Commercial Sales of DelCool Products for Heat Index Regulation in Pillows

Sydney (Australia) - Greer, South Carolina (USA) – 24 March 2023: Alexium International Group Limited (ASX:AJX) (“Alexium” or “the Company”) is pleased to announce the launch of its new dehumidification technology, DelCool, in the top-of-bed market segment. The Company received its first order and began production of DelCool pillow liners this month. This initial order is the result of new placements at retailers after product reviews conducted by their respective buyers at recent bedding shows in New York and Las Vegas. This adds another technology and product to Alexium’s offerings to the bedding market. This milestone is well aligned with the company’s strategic focus on growing and diversifying revenue within the global bedding market. The launch of DelCool allows the company to offer an all-night comfort solution for mattresses in the mid-tier price point. The mid-tier mattress price point represents a large volume potential.

This commercial milestone is the culmination of product development efforts at Alexium over the last two years. The consumer benefits delivered by DelCool are a best-in-class sleeping solution for people who wake up feeling hot. Unlike the cool-to-touch feature of phase change materials currently offered by Alexium, the DelCool technology provides long-term comfort by regulating the humidity and temperature that the sleeper feels. This provides all-night comfort by reducing the heat index of the consumer’s sleeping environment. Extensive laboratory tests show a heat index reduction of up to 12 °F throughout the night. The DelCool patent has been filed.

About Alexium International Group Limited

Alexium International Group Limited (ASX: AJX) is a performance chemicals provider for advanced materials applications with a focus on flame retardancy and thermal management. The Company is driven by an innovation model for addressing market gaps with patent-protected technologies. These environmentally friendly solutions have applications for several industries and can be customized to meet customer needs. Key markets for Alexium are military uniforms, workwear, and bedding products. Alexium brands include Alexicool®, BioCool®, Eclipsys™, Alexiflam® and Alexiguard™. For additional information about Alexium, please visit www.alexiuminternational.com.

Authorised for release by Ms. Rosheen Garnon, Chair of the Board of Alexium International Group Limited.

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