

FOR IMMEDIATE RELEASE: ASX | 13 August 2021

Alexium BioCool™ Products (Clarification)

Sydney (Australia), Greer (South Carolina, US) – 13 August 2021:

On 12th August 2021, Alexium provided an update to our most recent 4C quarterly report (released to ASX on 30 July 2021) (**Quarterly Report**) on the successful commercialisation of our proprietary BioCool™ product line for bedding applications. Our BioCool™ product line exemplifies the Company's strategy for brand growth, improved margins, and eco-friendly products through innovation as articulated in the Quarterly Report.

More than a year of research and product development went into this technology, and is strong evidence of our strategies in action. In the Quarterly Report, the Company announced that the introduction of its BioCool™ products had seen strong market adoption with an expected upward sales trend into the first half of FY2022.

To clarify information provided in yesterday's announcement, first sales of BioCool™ products began in earnest in April 2021 and already accounted for approximately 48% of Alexium's revenue streams from the mattress market segment by July 2021. For perspective on the value of this business, the mattress market segment as a whole contributed US\$5.3M of FY2021 revenue (both textile and foam applications). In the conversion of our customers to BioCool™ products, these sales are to new and established business though the Company does not have insight into the exact end-use for its customers.

This rapid adoption by our customers of this new BioCool™ product demonstrates the significance of eco-conscious products to the US bedding market. Consumer demand for these goods is on the rise, and the Company's commercialisation strategy for BioCool™ has positioned us to maximize the value of the opportunity.

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® and Alexiflam®. 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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