



TECHNICAL DATA SHEET

PRODUCT CODE: B65003

DESCRIPTION:

B65003 is a biocide used to inhibit the growth of microbes in commercial or industrial products. B65003 is based on the active substance silver borophosphate glass and supplied as a fine white powder with a micron size of $\leq 40\mu\text{m}$. B65003 can be incorporated into different products including polymers, paints (water and solvent based), adhesives and sealants. B65003 has a glass carrier which releases silver ions in a controlled manner via an ion exchange mechanism to achieve an antimicrobial effect in the products.

APPLICATION:

BioCote Ltd recommends an addition rate of 0.3% (w/w) for most applications. Please contact BioCote Ltd with specific product applications for more addition rate information. Final addition rates to be confirmed after initial product validation trial.

B65003 contains sparingly soluble silver ions in a glass matrix which provides a slow release of silver ions to the surface of the product. B65003 has a broad spectrum of activity covering Gram-positive and Gram-negative bacteria and fungi.

HANDLING:

Follow good standard industry hygiene practices. Apply adequate ventilation directly to outside air. Wear personal protective equipment when appropriate. For incompatible materials and other handling considerations please see separate Safety Data Sheet (SDS/B65003).

STORAGE:

Silver-containing materials can exhibit varying degrees of light sensitivity therefore it is important to store the additive in tightly closed opaque containers under normal warehouse conditions. AVOID CONTACT WITH MOISTURE. Product should be used within 12 months of the date of shipment. Please see Certificate of Conformity and/or product label for recommended use by date.

REGULATIONS:

EU Regulation 1907/2006 (REACH): The active substance contained within this product is under review for Union approval under EU Regulation 528/2012 (The Biocidal Product Regulation) and is therefore exempt from REACH registration for biocidal applications.

EU Regulation 528/2012 (The Biocidal Product Regulation): The active substance within this product is under review for Union approval under EU Regulation 528/2012 as an active substance for product types 2, 4, 7 and 9.

PT2– Disinfectants and algacides not intended for direct application to humans or animals.

PT4 – Food and feed area.

PT7 – Film preservatives.

PT9 – Fibre, leather, rubber, and polymerised materials preservatives.

For further information about this products regulatory status please contact BioCote Ltd.

USE BIOCIDES SAFELY, PLEASE SEE SDS FOR HANDLING INSTRUCTIONS.

The information given is presented in good faith and is believed to be correct based on current state of knowledge. BioCote Limited makes no representation as to the accuracy and completeness of this information. This information is issued on the conditions that the user will determine the safety and suitability of this product for their purpose prior to use.

For a list of approved uses please contact the supplier.



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