

GROTAN



Bactericide for Killing Bacteria, Mold, and Fungus

Grotan is a bactericide used to kill bacteria, mold, and fungus, as the presence or growth of these organisms in a water-based slurry can be detrimental to both the performance and life of the slurry.

Bacteria can be introduced through a variety of sources, such as airborne bacteria. Due to the potential for bacteria contamination in a slurry, a program should be set up to test for and eradicate any bacteria growth.

Culture slides can be used to test for the presence of bacteria in a slurry. The procedure for using the culture slides is provided by the manufacturer of these kits. At R&R, we use MCE Combi Dip Slides. They are available from Metal Working Equipment & Chemical Company Inc. at 518.523.2355.



Application Recommendations

Grotan was not designed to be added on a regular basis. Only make additions if bacteria growth is present. To test for the presence of bacteria, use the culture slides on a sample of binder separated from the slurry. If bacteria are detected, use the following additions of Grotan:

Bacteria Count	10 ³	10 ⁴	10 ⁵	10 ⁶	10 ⁷
Additions of Grotan (ml/gal slurry)*	1.1	1.7	2.2	2.8	3.4
Additions of Grotan (ml/l slurry)*	0.3	0.5	0.6	0.7	0.9

*These additions should be made as part of a deionized water addition.

Retest the slurry 48 hours after Grotan additions. If bacteria are still present, repeat additions and retest. Slurries should be tested for bacteria monthly, at least.

Safety

Before handling this material, review the corresponding Safety Data Sheet (SDS).

As the conditions or methods of use are beyond our control, we do not assume any responsibility and expressly disclaim any liability for any use of this product. Information contained herein is believed to be true and accurate but all statements or suggestions are made without warranty, expressed or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof. Compliance with all applicable federal, state, and local regulations remains the responsibility of the user. All potential liability related to the sale and use of this product is limited to the cost of the particular goods sold in their respective transactions.



RANSOM & RANDOLPH

3535 Briarfield Boulevard | Maumee, OH 43537 USA
800.800.7496 | 419.865.9497 | 419.865.9997 (FAX)
www.ransom-randolph.com



Made in the USA

Issue Date: March 20, 2024

Ransom & Randolph GmbH
Leipziger Straße 40 | 04571 Rötha Germany
+49 342 06373999

Investing with Innovation™