

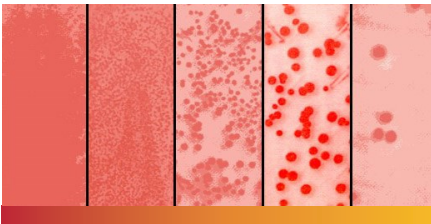
GROTAN



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.

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RANSOM & RANDOLPH

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



Issue Date: July 26, 2023

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