ACTIVE MICRO TECHNOLOGIES
107 Technology Drive • Lincolnton, NC 28092
(704) 276-7100 • Fax (704) 276-7101

Specification

Product Name: PhytoCide Lichen
Code Number: M16008
CAS #'s: 513-85-9 & 92346-91-3
EINECS #'s: 208-173-6 & 296-176-3
INCI Name: 2,3-Butanediol & Cladonia Rangiferina Extract

Specification	Parameter
Appearance	Clear to Slightly Hazy Liquid
Color	Light Yellow to Amber
Odor	Characteristic
pH (Direct)	6.0 – 8.0
Usnic Acid (UV-Vis)	0.15 – 0.30%
Heavy Metals	< 20 ppm
Lead	< 10 ppm
Arsenic	< 2 ppm
Cadmium	< 1 ppm
Minimum Inhibitory Concentration[1]	
Organism (ATCC#)	
E. coli (#8739)	0.25 – 1.00%
S. aureus (#6538)	0.12 – 0.50%
P. aeruginosa (#9027)	0.25 – 1.00%
C. albicans (#10231)	0.12 – 0.50%
A. brasiliensis (#16404)	0.12 – 0.50%

DO NOT FREEZE; Store at or near room temperature;
May sediment upon standing; Mix well prior to use

When handling this product please prevent exposure to temperatures above 25°C and prolonged exposure to UV. Exposure to temperatures above 25°C and direct UV may cause instability.

Note:

1) Refer to Inhibition Activity Data

Information contained in this technical literature is believed to be accurate and is offered in good faith for the benefit of the customer. The company, however, cannot assume any liability or risk involved in the use of its chemical products since the conditions of use are beyond our control. Statements concerning the possible use of our products are not intended as recommendations to use our products in the infringement of any patent. We make no warranty of any kind, expressed or implied, other than that the material conforms to the applicable standard specification.

Version#2/11-16-22/Form#1