

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 Lead Arsenic Cadmium	< 20 ppm < 10 ppm < 2 ppm < 1 ppm
Minimum Inhibitory Concentration ¹ Organism (ATCC#) E. coli (#8739) S. aureus (#6538) P. aeruginosa (#9027) C. albicans (#10231) A. brasiliensis (#16404)	0.25 - 1.00% 0.12 - 0.50% 0.25 - 1.00% 0.12 - 0.50% 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 darkening.

Note:

1) Refer to Inhibition Activity Data

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