10800 231st Way NE
Redmond, WA 98053
Phone: 425-292-9502
makingcosmetics.com

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AntiMicro Root Blend

Specification Sheet

Description: Unique blend of garlic, ginger & wasabi extracts dissolved in hydrating glycols providing effective microbial growth prevention. Useful as natural preservation system in a large variety of cosmetic products.

CAS: 107-41-5, 1117-86-8, 999999-99-4, 84696-15-1, 8008-99-9, 7732-18-5

INCI Name: Hexylene glycol, caprylyl glycol, Wasabia Japonica (wasabi) root extract, Zingiber Officinale (ginger) root extract, Allium Sativum (garlic) bulb extract, water

Composition: Hexylene glycol, caprylyl glycol, Wasabia Japonica (wasabi) root extract, Zingiber Officinale (ginger) root extract, Allium Sativum (garlic) bulb extract, water

Appearance: Clear to hazy, yellow to light amber liquid

Benefits:

- 100% natural plant-derived antimicrobial
- Effectively inhibits growth of gram negative and gram positive bacteria, yeast and mold (e.g. C. albicans, E. coli, P. aeruginosa, S. aureus, A. brasiliensis)
- Can be used in products for a preservative-free claim
- Two hydrating glycols provide additional skin moisturization

Use: Shake bottle before use. Add at the end of formula and mix very well. Can also be added to the water phase of a formula. Typical use level is 1.0-2%, optimum pH range 3-8. Use at temperature < 70ºC (158ºF). For external use only.

Applications: All kinds of emulsions, surfactant systems, and other cosmetic products that contain water.

Solubility: Water-soluble

Preservation: Preservative-free

Storage: Store in a closed container at a dry place at room temperature.

Country of Origin: USA

Raw material source: Wasabia Japonica roots, ginger roots, and garlic bulbs

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Manufacture: Prepared by gentle extraction method without ethoxylation, irradiation, sulphonation and ethylene oxide treatment.

Animal Testing: Not animal tested

GMO: GMO-free

Vegan: Does not contain animal-derived components

HS Code: 2906210000