

Green Mountain Biotech Technical Data Sheet

Botaniplex™ BALANCE SC

Date prepared: Aug 01, 2019

INCI Name: Glycerin, *Phellodendron amurense* bark extract, *Chrysanthemum indicum* flower extract.

Name of the plants: Latin: *Phellodendron amurense*, *Chrysanthemum indicum*.

English: Amur cork tree, Chrysanthemum.

French: Phellodendron, Chrysanthème

Plant Material: Flower, bark

Description: **Botaniplex™ BALANCE SC** is a synergistic mix of plant extracts of *Phellodendron amurense* and *Chrysanthemum indicum*, preservative free

Properties of the plants: Anti-inflammatory
Anti-irritant
Protect against oxidative stress
Balance microbiome
Inhibit growth of bacteria associated with acne pathogenesis
Inhibit growth of *Malassezia* fungi, associated with dandruff

Applications: Face Care, Skin Care, Body Care, Hair Care
Cream, Lotion, Gel, Mask

Recommended level of use: 2-5 %

Preservative: None

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SPECIFICATIONS:

| | |
|---------------------------------|---|
| Appearance: | Sticky liquid, free from foreign matter |
| Odor: | Characteristic, herbal |
| Color: | Orange brown to dark brown |
| pH: | 3.7 - 5.0 |
| Specific Density (20°C): | 1.15 - 1.22 |
| Solubility: | Miscible with water |
| Heavy metals, as Pb: | <20ppm |
| Total Microbial Count: | |
| a) Total plate count: | < 10 ² /g |
| b) Yeasts/molds: | < 10 ² /g |
| c) Salmonella/ E coli: | Absent in 1g |

Storage: 15 to 25°C in dark or minimal light

Shelf Life: When stored in dark in closed containers stable for 24 months

This extract is based on a product of nature which is subject to natural variations. However, this has no influence on the safety of the product or its suitability for use.