

## Green Mountain Biotech Technical Data Sheet

### Botaniplex™ CLEAR

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Date prepared: Nov 01, 2019

INCI Name:	Glycerin, <i>Phellodendron amurense</i> bark extract, <i>Sanguisorba officinalis</i> root extract, <i>Rheum palmatum</i> root extract, <i>Portulaca oleracea</i> extract, <i>Chrysanthemum indicum</i> flower extract, <i>Scutellaria baicalensis</i> root extract.
<u>Name of the plants:</u>	<p>Latin: <i>Phellodendron amurense</i>, <i>Sanguisorba officinalis</i>, <i>Rheum palmatum</i>, <i>Portulaca oleracea</i>, <i>Chrysanthemum indicum</i>, <i>Scutellaria baicalensis</i>.</p> <p>English: Amur cork tree, Great Burnet, Rhubarb, Purslane, Chrysanthemum, Chinese skullcap.</p> <p>French: <i>Phellodendron</i>, Grande Pimprenelle, Rhubarbe, Pourpier, Chrysanthème, Scutellaire</p>
<u>Plant Material:</u>	Roots, flower, bark
<u>Description:</u>	<b>Botaniplex™ CLEAR</b> is a synergistic mix of plant extracts of <i>Phellodendron amurense</i> , <i>Sanguisorba officinalis</i> , <i>Rheum palmatum</i> , <i>Portulaca oleracea</i> , <i>Chrysanthemum indicum</i> , <i>Scutellaria baicalensis</i> , preservative free
<u>Properties of the plants:</u>	Anti-inflammatory Anti-irritant Anti-oxidative Microbiome balancing
<u>Applications:</u>	Face Care, Skin Care, Body Care Creams, Gels, Lotions, Face masks
<u>Recommended level of use:</u>	1 – 12 %. Higher doses are recommended for spot treatment formulations
<u>Preservative:</u>	None

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### SPECIFICATIONS:

<b>Appearance:</b>	Sticky liquid, free from foreign matter
<b>Odor:</b>	Characteristic, herbal
<b>Color:</b>	Brown to dark brown
<b>pH:</b>	3.8 - 5.3
<b>Specific Density (20°C):</b>	1.15 - 1.22
<b>Solubility:</b>	Miscible with water
<b>Heavy metals, as Pb:</b>	<20ppm
<b>Total Microbial Count:</b>	
a) Total plate count:	< 10 <sup>2</sup> /g
b) Yeasts/molds:	< 10 <sup>2</sup> /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 minimum 18 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.