

## AntiMicro Root Blend

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 /  
March 26, 2012 / Rules and Regulation

Revision Date: 07/13/2020  
Supersedes: 08/17/2018

### 1 PRODUCT & COMPANY IDENTIFICATION

<b>Product Name:</b>	AntiMicro Root Blend	<b>Distributor:</b>	MakingCosmetics Inc.
<b>Synonyms:</b>	No data available	<b>Address:</b>	10800 231 <sup>st</sup> Way NE Redmond, WA 98053 (USA)
<b>INCI Name:</b>	Hexylene glycol, caprylyl glycol, Wasabia Japonica root extract, Zingiber Officinale (Ginger) root extract, Allium Sativum (Garlic) bulb extract, water	<b>Phone / Fax:</b>	425-292-9502 / 425-292-9601
<b>CAS Number:</b>	107-41-5, 1117-86-8, 999999-99-4, 84696-15-1, 8008-99-9, 7732-18-5	<b>Web:</b>	www.makingcosmetics.com
<b>Formula:</b>	No data available	<b>Emergency Telephone Number:</b>	1-800-424-9300 (Chemtrec)
<b>Product Form:</b>	Liquid		
<b>Product Use:</b>	Cosmetic use		

### 2 HAZARDS IDENTIFICATION

<b>GHS Classification:</b>	Not classified												
<b>GHS Labeling:</b>	Not a dangerous substance according to GHS												
<b>GHS Hazard Pictograms:</b>	None												
<b>GHS Hazard Statements:</b>	None												
<b>GHS Precautionary Statements:</b>	P233: Keep container tightly closed. P281: Use personal protective equipment as required. P402: Store in a dry place. P404: Store in a closed container. P410: Protect from sunlight. P411: Store at temperatures not exceeding 25°C.												
<b>Potential Health Hazards:</b>	Eyes: Not expected to be irritant. Inhalation: Not expected to be irritant. Skin: Not expected to be irritant. Ingestion: Not expected to be irritant.												
<b>NFPA Ratings (704):</b>	<table border="0"> <tr> <td>Health</td> <td>0</td> <td>Minimal</td> </tr> <tr> <td>Flammability</td> <td>0</td> <td>Minimal</td> </tr> <tr> <td>Reactivity</td> <td>0</td> <td>Minimal</td> </tr> <tr> <td>Specific Hazard</td> <td colspan="2">N/A</td> </tr> </table>	Health	0	Minimal	Flammability	0	Minimal	Reactivity	0	Minimal	Specific Hazard	N/A	
Health	0	Minimal											
Flammability	0	Minimal											
Reactivity	0	Minimal											
Specific Hazard	N/A												

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS No.</u>	<u>Weight %</u>	<u>Molecular Weight</u>
Hexylene Glycol	107-41-5	28.0-32.0%	Not Available
Caprylyl Glycol	1117-86-8	12.0-17.0%	Not Available
Wasabia Japonica Root Extract	999999-99-4	12.0-17.0%	Not Available
Zingiber Officinale (Ginger) Root Extract	84696-15-1	12.0-17.0%	Not Available
Allium Sativum (Garlic) Bulb Extract	8008-99-9	12.0-17.0%	Not Available
Water	7732-18-5	8.0-12.0%	Not Available

### 4 FIRST AID MEASURES

**Eyes:** Immediately rinse with water for at least 15 minutes, while keeping the eyes wide open. Consult with a physician.

**Inhalation:** Move to fresh air from exposure area. Get medical attention for any breathing difficulty.

**Skin:** Rinse with soap and water. Get medical attention if irritation develops.

**Ingestion:** Do Not Induce Vomiting! Never give anything by mouth to an unconscious person. Seek medical attention immediately.

## 5 FIRE-FIGHTING MEASURES

**Suitable (and unsuitable) extinguishing media:** May be combustible at high temperature. Use appropriate media (foam, carbon dioxide, dry chemical) for adjacent fire. Do not use water.

**Special protective equipment & precautions for firefighters:** Wear self-contained, approved breathing apparatus and full protective clothing, including eye protection and boots. Move container from fire area if it can be done without risk. Avoid inhalation of material or combustion byproducts. Stay upwind and keep out of low area.

**Flash Points:** No data available

**Specific hazards arising from the chemical:** None known. See also Stability and Reactivity section.

## 6 ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment & emergency procedures:** Do not try to clean up the leak without proper protective equipment. See section 8 for recommendations on the use of personal protective equipment. Avoid contact with eyes.

**Environmental precautions:** Avoid liquid release into sewers/public water. Notify environmental authorities in case of large leaks.

**Methods and material for containment and cleaning up:** Sweep up and place in suitable, closed containers for disposal. Clean surfaces thoroughly with water to remove residual contamination. Dispose of all waste and clean-up materials in accordance with regulations.

## 7 HANDLING & STORAGE

**Precautions for safe handling:** See section 8 for recommendations on the use of personal protective equipment. Keep container closed when not in use. Wash hands after use. Avoid storage near feed or food stuff.

**Conditions for safe storage, incl. any incompatibilities:** Keep container closed. Store in cool, dry well-ventilated area. Material should not be exposed to excessive heat or cold. Do not freeze. Keep away from heat and incompatible materials (see section 10 for incompatibilities).

## 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Component</u>	<u>Exposure Limits</u>	<u>Basis</u>	<u>Entity</u>
AntiMicro Root Blend	Not available		

TWA: Time Weighted Average over 8 hours of work.  
 TLV: Threshold Limit Value over 8 hours of work.  
 REL: Recommended Exposure Limit  
 PEL: Permissible Exposure Limit

STEL: Short Term Exposure Limit during x minutes.  
 IDLH: Immediately Dangerous to Life or Health  
 WEEL: Workplace Environmental Exposure Levels  
 CEIL: Ceiling

### Personal Protection:

**Eyes:** Safety glasses should be worn.

**Inhalation:** Local exhaust should be used to ensure adequate ventilation.

**Body:** Protective gloves (rubber or neoprene) should be worn. Wear suitable protective clothing.

**Other:** Use good personal hygiene practices. Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Clear to hazy liquid	<b>Vapor Pressure:</b>	No data available
<b>Odor:</b>	Characteristic	<b>Vapor Density:</b>	Not applicable
<b>Odor Threshold:</b>	No data available	<b>Evaporation Rate:</b>	No data available
<b>Color:</b>	Yellow to light amber	<b>Flammability:</b>	No data available
<b>Molecular Weight:</b>	No data available	<b>Upper/lower Explosive Limit:</b>	No data available
<b>pH:</b>	No data available	<b>Flash Point:</b>	>200° F
<b>Boiling Point:</b>	Not determined	<b>Specific Gravity @ 25 °C:</b>	0.970-1.020
<b>Melting Point:</b>	Not applicable	<b>Solubility in Water:</b>	Soluble
<b>Relative Density:</b>	No data available	<b>Auto-Ignition Temperature:</b>	No data available
<b>Partition Coefficient: n-octanol/water:</b>	No data available	<b>Decomposition Temperature:</b>	No data available
<b>Viscosity:</b>	No data available	<b>Explosive Properties:</b>	No data available
<b>Oxidizing Properties:</b>	Non-oxidizing	<b>Freezing Point:</b>	Not determined
<b>Refractive Index @ 25 °C:</b>	1.3960-1.4040	<b>Heavy Metals:</b>	<20 ppm
<b>Lead:</b>	<10 ppm	<b>Arsenic:</b>	<2 ppm
<b>Cadmium:</b>	<1 ppm		

## 10 STABILITY AND REACTIVITY

<b>Reactivity:</b>	No data available
<b>Chemical Stability:</b>	Stable under ordinary conditions of use and storage up to one year then re-test to full product specifications to extend shelf life.
<b>Hazardous Polymerization:</b>	None known
<b>Conditions to Avoid:</b>	No dangerous reactions known under use of normal conditions. Avoid extreme heat.
<b>Incompatible Materials:</b>	No dangerous reaction known with common products.
<b>Hazardous Decomposition Products:</b>	None known

## 11 TOXICOLOGICAL INFORMATION

<b>Acute Toxicity:</b>	EC50: 892.5 mg/L (acute Daphnia) - not harmful to aquatic organisms
<b>Skin:</b>	Non-irritant (Dermal Irritation Model)
<b>Eyes:</b>	Non-irritant (Ocular Irritation Model)
<b>Respiratory:</b>	Not determined
<b>Ingestion:</b>	Not determined
<b>Carcinogenicity:</b>	No known effects
<b>Teratogenicity:</b>	No data available
<b>Germ Cell Mutagenicity:</b>	Non-Mutagenic (OECD471/ISO10993.Part 3 - Genotoxicity: Bacterial Reverse Mutation Test)
<b>Embryotoxicity:</b>	No data available
<b>Specific Target Organ Toxicity:</b>	No data available
<b>Reproductive Toxicity:</b>	No known effects
<b>Respiratory/Skin Sensitization:</b>	No data available
<b>Corrosivity:</b>	No data available
<b>Sensitization:</b>	Non-Primary Irritant & Non-Primary Sensitizers; will not cause allergic contact dermatitis (In Chemico Skin Sensitization Direct Peptide Reactivity Assay & In Vitro Skin Sensitization ARE-Nrf2 Luciferase Test Method)
<b>Irritation:</b>	No data available
<b>Repeated Dose Toxicity:</b>	No known effects

## 12 ECOLOGICAL INFORMATION

**Ecotoxicity**

**Aquatic Vertebrate:** Not determined  
**Aquatic Invertebrate:** Not determined  
**Terrestrial:** Not determined

**Persistence and Degradability:**

No data available

**Bioaccumulative Potential:**

Readily biodegradable (82.9% biodegradation after 28d)

**Mobility in Soil:**

Ultimate destination of the product: soil & sediment.

**PBT and vPvB Assessment:**

No data available

**Other Adverse Effects:**

None known.

## 13 DISPOSAL CONSIDERATIONS

**Waste Residues:** Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies if necessary before disposing of waste product container.

**Product Containers:** Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies if necessary before disposing of waste product container.

The information in section 13 is for the product as shipped. Use and/or alterations to the product may change the characteristics of the material and alter the waste classification and proper disposal methods

## 14 TRANSPORT INFORMATION

**DOT (Dept. of Transportation, USA):** Not regulated as a dangerous good  
**TDG (Transportation of Dangerous Goods, Canada):** No data available  
**IMDG (International Maritime Dangerous Goods):** Not regulated as a dangerous good  
**IATA (International Air Transport Association):** Not regulated as a dangerous good  
**ICAO (International Civil Aviation Organization):** No data available

## 15 REGULATORY INFORMATION

**TSCA Inventory Status:** Exempt  
**DSCL (EEC):** Exempt: Wasabia Japonica Root Extract  
 Listed as 2,4-Pentanediol, 2-methyl- & Octane-1,2-diol & Ginger, ext. & Garlic, ext. & Water  
**WHMIS (Canada):** No data available  
**EU EINECS/ELINCS/NLP:** Hexylene Glycol: 203-489-0  
 Caprylyl Glycol: 214-254-7  
 Wasabia Japonica Root Extract: 310-127-6  
 Zingiber Officinale Root Extract: 283-634-2  
 Allium Sativum Bulb Extract: 232-371-1  
 Aqua: 231-791-2  
**China IECSC:** Hexylene Glycol & Caprylyl Glycol & Wasabia Japonica Root Extract & Zingiber Officinale (Ginger) Root Extract & Allium Sativum (Garlic) Bulb Extract & Water  
**China IECIC (06.30.2014):** Hexylene Glycol & Caprylyl Glycol & Wasabia Japonica Root Extract & Zingiber Officinale (Ginger) Root Extract & Allium Sativum (Garlic) Bulb Extract & Water  
**Australia AICS:** Exempt: Wasabia Japonica Root Extract  
 Listed: 107-41-5 & 1117-86-8 & 84696-15-1 & 8008-99-9 & 7732-18-5  
**Japan (MITI List):** Hexylene Glycol & Caprylyl Glycol & Wasabia Japonica Root Extract & Zingiber Officinale (Ginger) Root Extract & Allium Sativum (Garlic) Bulb Extract & Water  
**Philippines PICCS:** Exempt: Wasabia Japonica Root Extract  
 Not Listed: Caprylyl Glycol (1117-86-8)  
 Listed as 2,4-Pentanediol, 2-methyl- & Ginger, ext. & Garlic, ext. & Water

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<b>Korea:</b>	Hexylene Glycol & Caprylyl Glycol & Wasabia Japonica Root Extract & Zingiber Officinale (Ginger) Root Extract & Allium Sativum (Garlic) Bulb Extract & Water Industrial safety and hygiene regulation: No Hazardous material control regulation: No Fire prevention regulation: No
<b>United Kingdom:</b>	Handle in accordance with relevant British regulation: control of substance Hazardous to Health Regulations Environmental Hygiene Guidance: EH40 Workplace Exposure Limits (revised annually)

## 16 OTHER INFORMATION

<b>Revision Date:</b>	07/13/2020
<b>Compliance:</b>	This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200
<b>Disclaimer:</b>	This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.