

## AntiMicro Root Blend

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

Revision Date: 06-Mar-2024  
Supersedes: 31-Aug-2024

### 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>	<a href="http://www.makingcosmetics.com">www.makingcosmetics.com</a>
<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>	None.												
<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 32°C												
<b>GHS Potential Health Hazards:</b>	Eyes: Not expected to be an irritant. Inhalation: Not expected to be an irritant. Skin: Not expected to be an irritant. Ingestion: Not expected to be an irritant.												
<b>NFPA Ratings (704):</b>	<table border="0"> <tr> <td style="background-color: #0070C0; color: white;">Health</td> <td style="text-align: center;">0</td> <td>Minimal</td> </tr> <tr> <td style="background-color: #FF0000; color: white;">Flammability</td> <td style="text-align: center;">0</td> <td>Minimal</td> </tr> <tr> <td style="background-color: #FFFF00; color: black;">Reactivity</td> <td style="text-align: center;">0</td> <td>Minimal</td> </tr> <tr> <td>Specific Hazard</td> <td style="text-align: center;">N/A</td> <td></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	28.00% - 32.00%	Not Available
Caprylyl Glycol	1117-86-8	12.00% - 17.00%	Not Available
Wasabia Japonica Root Extract	999999-99-4	12.00% - 17.00%	Not Available
Zingiber Officinale (Ginger) Root Extract	84696-15-1	12.00% - 17.00%	Not Available
Allium Sativum (Garlic) Bulb Extract	8008-99-9	12.00% - 17.00%	Not Available
Water	7732-18-5	8.00% - 12.00%	Not Available

### 4 FIRST AID MEASURES

<b>Eyes:</b>	Immediately rinse with water for at least 15 minutes, while keeping the eyes wide open. Seek medical attention if necessary.
<b>Inhalation:</b>	Move to fresh air from exposure area. Seek medical attention for any breathing difficulty.

<b>Skin:</b>	Rinse with soap and water. Seek medical attention if irritation develops.
<b>Ingestion:</b>	Do Not Induce Vomiting! Never give anything by mouth to an unconscious person. Seek medical attention if symptoms develop and persist. Consult with a physician.
<b>General:</b>	In all cases of doubt, or when symptoms persist, seek medical attention. No special protection for first-aiders.

## 5 FIRE-FIGHTING MEASURES

<b>Suitable (and unsuitable) extinguishing media:</b>	May be combustible at high temperature. Use appropriate media (Water, dry chemicals, foam & carbon dioxide.) for adjacent fire. No unsuitable extinguish media listed.
<b>Special protective equipment &amp; precautions for firefighters:</b>	Move container from fire area if it can be done without risk. Avoid inhalation of material or combustion by-products. Stay upwind and keep out of low area. Wear self-contained, approved breathing apparatus and full protective clothing, including eye protection and boots.
<b>Flash Points:</b>	>200° F
<b>Specific hazards arising from the chemical:</b>	Not considered to be a fire and explosion hazard. See also Stability and Reactivity section.

## 6 ACCIDENTAL RELEASE MEASURES

<b>Personal precautions, protective equipment &amp; emergency procedures:</b>	Do not try to clean up the leak without proper protective equipment. Avoid contact with eyes and wear protective goggles. See section 8 for recommendations on the use of personal protective equipment.
<b>Environmental precautions:</b>	Avoid liquid release into sewers/public water/environment. Notify environmental authorities in case of leak.
<b>Methods and material for containment and cleaning up:</b>	Recovery: Pick up free liquid for recycling or disposal. Residual liquid can be absorbed on an inert material. Cleaning and Decontamination: Wash non-recoverable remainder with water. Dispose of all waste and cleanup materials in accordance with regulations.

## 7 HANDLING & STORAGE

<b>Precautions for safe handling:</b>	Keep out of the reach of children. For industrial use, only as directed. Observe good industrial hygiene practices. Avoid storage near feed or food stuff. See section 8 for recommendations on the use of personal protective equipment.
<b>Conditions for safe storage, incl. any incompatibilities:</b>	Keep container closed. Product may be packaged in normal commercial packaging (recommended packaging includes: polypropylene & high-density polyethylene). Store in a dry place at temperatures not exceeding 32° C. Based on stability studies, the optimum storage temperature for maximization of shelf life is 23 - 25° C. However, it may be stored at temperatures between 16 - 32° C if such specific temperature control is not available. Do not freeze. Store away from 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	Not available	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:

<b>Eyes:</b>	Safety glasses with should be worn.
<b>Inhalation:</b>	Local exhaust. Ensure adequate ventilation.
<b>Body:</b>	Wear appropriate chemical resistant gloves, made of rubber or neoprene. Full protective clothing should be worn.
<b>Other:</b>	Always handle in accordance with good industrial hygiene and safety practice. Wash hands after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Provide eyewash fountains near work areas.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Clear to hazy liquid	<b>Vapor Pressure:</b>	No data available
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<b>Odor:</b>	Characteristic	<b>Vapor Density:</b>	No data available
<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>Heavy Metals:</b>	<20 ppm	<b>Upper/lower Explosive Limit:</b>	No data available
<b>Lead:</b>	<10 ppm	<b>Flash Point:</b>	>200° F
<b>Arsenic:</b>	<2 ppm	<b>Specific Gravity (25°C):</b>	0.970 - 1.020
<b>Cadmium:</b>	<1 ppm	<b>Water Solubility:</b>	Soluble
<b>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>Oxidizing Properties:</b>	Non oxidizing material according to EC criteria	<b>Refractive Index:</b>	1.3960 - 1.4040

## 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>	No data available.
<b>Conditions to Avoid:</b>	Avoid extreme heat. No dangerous reactions known under use of normal conditions.
<b>Incompatible Materials:</b>	No dangerous reaction known with common products.
<b>Hazardous Decomposition Products:</b>	None known.
<b>Possible Hazardous Reactions:</b>	None known.

## 11 TOXICOLOGICAL INFORMATION

<b>Acute Toxicity:</b>	Non-Irritant, Non-Primary Sensitizer & Non-Photo Irritant.
<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 tested for acute oral toxicity.
<b>Carcinogenicity:</b>	No known effects.
<b>Mutagenicity:</b>	Non-Mutagenic (OECD471/ISO10993. Part 3 - Genotoxicity: Bacterial Reverse Mutation Test).
<b>Neuro-Toxicity:</b>	No known effects.
<b>Reproductive Toxicity:</b>	No known effects.
<b>Primary Cutaneous and Corrosion/Irritation:</b>	Not tested.
<b>Sensitization:</b>	Will not cause allergic contact dermatitis (In Chemico Skin Sensitization Direct Peptide Reactivity Assay & In Vitro Skin Sensitization ARE-Nrf2 Luciferase Test Method).
<b>Repeated Dose Toxicity:</b>	No known effects.
<b>Additional Toxicological Information:</b>	This product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.

## 12 ECOLOGICAL INFORMATION

<b>Ecotoxicity:</b>	EC10 (Freshwater Alga): 108.69 mg/L, not harmful to aquatic organisms EC20 (Freshwater Alga): 194.51 mg/L, not harmful to aquatic organisms
<b>Aquatic Vertebrate:</b>	No data available.
<b>Aquatic Invertebrate:</b>	No data available.
<b>Terrestrial:</b>	No data available.
<b>Persistence and Degradability:</b>	Readily Biodegradable (82.9% biodegradation after 28 days of testing).
<b>Bioaccumulative Potential:</b>	No data available.
<b>Mobility:</b>	(ultimate destination of the product) soil & sediment.
<b>PBT and vPvB Assessment:</b>	No data available.
<b>Other Adverse Effects:</b>	None known

## 13 DISPOSAL CONSIDERATIONS

<b>Waste Residues:</b>	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.
<b>Product Containers:</b>	Cleaning is not required prior to disposal. 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

<b>DOT (Dept. of Transportation, USA):</b>	Not regulated as dangerous goods.
<b>ADR/RID (Land Transportation):</b>	Not regulated as dangerous goods.
<b>IMDG (International Maritime Dangerous Goods):</b>	Not regulated as dangerous goods.
<b>IATA (International Air Transport Association):</b>	Not regulated as dangerous goods.
<b>ICAO (International Civil Aviation Organization):</b>	Not regulated as dangerous goods.

## 15 REGULATORY INFORMATION

<b>TSCA Inventory Status:</b>	Exempt
<b>EC Regulations:</b>	This product does not need to be labeled in accordance with EC Directives or respective national laws.
<b>U.K. Regulations:</b>	Handle in accordance with relevant British regulation: control of substance Hazardous to Health Regulations Environmental. Hygiene Guidance: EH40 Workplace Exposure Limits (revised annually)
<b>Canada (CEPA/DSL):</b>	Exempt: Wasabia Japonica Root Extract
<b>EINECS Inventory Status:</b>	Listed as 2,4-Pentanediol, 2-methyl-, Octane-1,2-diol, & Ginger, extract, Garlic, extract, Water Hexylene Glycol, Caprylyl Glycol, Wasabia Japonica Root Extract, Zingiber Officinale Root Extract, Allium Sativum Bulb Extract, Aqua
<b>China Inventory Status:</b>	Hexylene Glycol, Caprylyl Glycol, Wasabia Japonica Root Extract, Zingiber Officinale (Ginger) Root Extract, Allium Sativum (Garlic) Bulb Extract, Water
<b>Australia (AICS):</b>	Exempt: Wasabia Japonica Root Extract Listed: 107-41-5, 1117-86-8, 84696-15-1, 8008-99-9, 7732-18-5
<b>Japan List (MITI):</b>	Hexylene Glycol, Caprylyl Glycol, Wasabia Japonica Root Extract, Zingiber Officinale (Ginger) Root Extract, Allium Sativum (Garlic) Bulb Extract, Water
<b>Philippines Inventory Status:</b>	Exempt: Wasabia Japonica Root Extract Not Listed: Caprylyl Glycol
<b>Korea Regulations:</b>	Listed as 2,4-Pentanediol, 2-methyl-, Ginger, extract, Garlic, extract, Water 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

## 16 OTHER INFORMATION

<b>Revision Date:</b>	06-Mar-2024
<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.