

## Willow Bark Extract, USDA Certified Organic

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

Revision Date: 13-Feb-2024  
Supersedes: 12-Sep-2022

### 1 PRODUCT & COMPANY IDENTIFICATION

<b>Product Name:</b>	Willow Bark Extract, USDA Certified Organic	<b>Distributor:</b>	MakingCosmetics Inc.
<b>Synonyms:</b>	No data available	<b>Address:</b>	10800 231 <sup>st</sup> Way NE
<b>INCI Name:</b>	Glycerin, Organic Salix Alba (Willow) bark extract		Redmond, WA 98053 (USA)
<b>CAS Number:</b>	56-81-5, 84082-82-6	<b>Phone / Fax:</b>	425-292-9502 / 425-292-9601
<b>Formula:</b>	No data available	<b>Web:</b>	<a href="http://www.makingcosmetics.com">www.makingcosmetics.com</a>
<b>Product Form:</b>	Liquid		
<b>Product Use:</b>	Cosmetic use	<b>Emergency Telephone Number:</b>	1-800-424-9300 (Chemtrec)

### 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>	None		
<b>Potential Health Hazards:</b>	Eyes: No known hazards. Inhalation: No known hazards. Skin: No known hazards. Ingestion: No known hazards but may cause gastrointestinal irritation, nausea, vomiting and diarrhea.		
<b>NFPA Ratings (704):</b>	Health	0	Minimal
	Flammability	1	Slight
	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>
Glycerin	56-81-5	Not available	Not available
Organic Salix Alba (Willow) bark extract	84082-82-6	Not available	Not available

### 4 FIRST AID MEASURES

<b>Eyes:</b>	Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Cold water may be used. Seek medical attention if necessary.
<b>Inhalation:</b>	Remove from exposure area to fresh air promptly. Seek medical attention if necessary.
<b>Skin:</b>	After contact with skin, wash immediately with plenty of soap and water. Seek medical attention if necessary.
<b>Ingestion:</b>	Treat symptomatically. Do Not Induce Vomiting! Never give anything by mouth to an unconscious person. Seek medical attention if necessary.

### 5 FIRE-FIGHTING MEASURES

<b>Suitable (and unsuitable) extinguishing media:</b>	May be combustible at high temperature. Use appropriate media (CO <sub>2</sub> , dry chemical, foam, water spray, water fog) for adjacent fire. No unsuitable extinguishing media found.
<b>Special protective equipment &amp; precautions for firefighters:</b>	Wear self-contained, approved breathing apparatus and full protective clothing, including eye protection and boots.
<b>Flash Points:</b>	>390.0 °F (198.9 °C) (PMCC)

**Specific hazards arising from the chemical:** No unusual fire or explosion hazards noted. 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.

**Environmental precautions:** Avoid liquid release into sewers/public water. If a spill occurs, prevent further spillage if safe to do so. Notify environmental authorities in case of large leaks.

**Methods and material for containment and cleaning up:** Dike far ahead of larger spill for later recover and disposal. Pick up free liquid for recycle and/or disposal. Residual liquid can be absorbed in inert material. Dispose of all waste and cleanup materials in accordance with regulations.

## 7 HANDLING & STORAGE

**Precautions for safe handling:** Observe good industrial hygiene practices. See section 8 for recommendations on the use of personal protective equipment.

**Conditions for safe storage, incl. any incompatibilities:** Keep container in a cool, well-ventilated area. Keep container tightly closed and sealed until ready for use. Keep 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>	
Glycerin	15 mg/m <sup>3</sup>	PEL (Total Dust)	OSHA Z-1	
	5 mg/m <sup>3</sup>	PEL (Respirable Fraction)	OSHA Z-1	
	5 mg/m <sup>3</sup>	TWA (Respirable Fraction)	OSHA Z-3	
	15 mg/m <sup>3</sup>	TWA (Total Dust)	OSHA Z-3	
	3 mg/m <sup>3</sup>	TWA (Respirable Particles)	ACGIH	
	10 mg/m <sup>3</sup>	TWA (Inhalable Particles)	ACGIH	
	15 millions of particles per cubic foot of air	TWA (Respirable Particles)	OSHA Z-3	
	50 millions of particles per cubic foot of air	TWA (Total Dust)	OSHA Z-3	
	Organic Salix Alba (Willow) bark extract	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:** If contact is likely, safety glasses with side shields should be worn.

**Inhalation:** Consult with an industrial hygienist to determine the appropriate respiratory protection for your specific use of this material. A respiratory protection program compliant with all applicable regulations must be followed whenever workplace conditions require the use of a respirator.

**Body:** Protective gloves made of rubber or neoprene. Suitable protective clothing should be worn.

**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>	Liquid	<b>Vapor Pressure:</b>	No data available
<b>Odor:</b>	Characteristic	<b>Vapor Density:</b>	No data available
<b>Odor Threshold:</b>	No data available	<b>Refractive Index:</b>	1.4610 - 1.4790 at 25° C

<b>Color:</b>	Light to medium 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>	4-6.5 (100%, 77 °F (25°C) )	<b>Flash Point:</b>	>390.0 °F (198.9 °C) (PMCC)
<b>Boiling Point:</b>	554°F(290°C)	<b>Specific Gravity:</b>	1.24 - 1.28 at 25° C
<b>Melting Point:</b>	No data available	<b>Water Solubility:</b>	Soluble
<b>Relative Density:</b>	1.24 - 1.2877 °F (25°C)	<b>Auto-Ignition Temperature:</b>	No data available
<b>Partition Coefficient: n-octanol/water:</b>	Log Kow: -1.76 (Measured)	<b>Decomposition Temperature:</b>	No data available
<b>Viscosity:</b>	No data available	<b>Explosive Properties:</b>	No data available
<b>Oxidizing Properties:</b>	No data available	<b>Freezing Point:</b>	No data available

## 10 STABILITY AND REACTIVITY

<b>Reactivity:</b>	No data available.
<b>Chemical Stability:</b>	This product is considered as stable in specified storage conditions.
<b>Hazardous Polymerization:</b>	Will not occur.
<b>Conditions to Avoid:</b>	None determined.
<b>Incompatible Materials:</b>	Strong oxidizing agents.
<b>Hazardous Decomposition Products:</b>	Thermal decomposition or combustion may generate smoke, carbon monoxide, carbon dioxide, and other products of incomplete combustion.

## 11 TOXICOLOGICAL INFORMATION

<b>Acute Toxicity</b>	
<b>Skin:</b>	Not classified for acute toxicity based on available data.
<b>Eyes:</b>	Not classified as a primary eye irritant.
<b>Respiratory:</b>	Avoid inhalation of mists or vapors.
<b>Ingestion:</b>	Not classified for acute toxicity based on available data.
<b>Carcinogenicity:</b>	No data available
<b>IARC:</b>	No carcinogenic components identified.
<b>NTP:</b>	No carcinogenic components identified.
<b>OSHA:</b>	No carcinogenic components identified.
<b>Teratogenicity:</b>	No data available
<b>Germ Cell Mutagenicity:</b>	No data available
<b>Embryotoxicity:</b>	No data available
<b>Specific Target Organ Toxicity:</b>	No data available
<b>Reproductive Toxicity:</b>	No data available
<b>Respiratory/Skin Sensitization:</b>	No data available
<b>Skin Corrosion/Irritation:</b>	Not classified as a primary skin irritant.
<b>Sensitization:</b>	No data available
<b>Irritation:</b>	No data available
<b>Repeated Dose Toxicity:</b>	No data available

## 12 ECOLOGICAL INFORMATION

<b>Ecotoxicity</b>	
<b>Aquatic Vertebrate:</b>	Glycerin: LC50 (Golden Orfe, 2 d): >10,000mg/l
<b>Aquatic Invertebrate:</b>	Glycerin: EC50 (Water flea (Daphnia magna), 1 d): >10,000mg/l
<b>Terrestrial:</b>	No data available
<b>Microorganisms:</b>	Glycerin: NOEC (Bacteria, 16h): >10,000mg/l
<b>Persistence and Degradability:</b>	Glycerin: OECD TG 301 D, 90%, 28 d, Readily biodegradable
<b>Bioaccumulative Potential:</b>	No data available
<b>Mobility in Soil:</b>	No data available
<b>PBT and vPvB Assessment:</b>	No data available
<b>Other Adverse Effects:</b>	No data available

## 13 DISPOSAL CONSIDERATIONS

**Waste Residues:** Since emptied containers retain product residue, follow label warnings even after container is emptied.

**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. Container packaging may exhibit hazards. 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.
<b>TDG (Transportation of Dangerous Goods, Canada):</b>	No data available
<b>IMDG (International Maritime Dangerous Goods):</b>	Not regulated.
<b>IATA (International Air Transport Association):</b>	Not regulated.
<b>ICAO (International Civil Aviation Organization):</b>	No data available.

## 15 REGULATORY INFORMATION

<b>TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D):</b>	None present or none present in regulated quantities.
<b>TSCA Section 5 (a) 2 Significant New Use Rule (SNURs) (40CFR 721, Subpt E):</b>	None present or none present in regulated quantities.
<b>CERCLA Hazardous Substance List (40 CFR 302.4):</b>	None present or none present in regulated quantities.
<b>SARA 311 Classifications:</b>	Not classified
<b>SARA 302 Extremely Hazardous Substance:</b>	None present or none present in regulated quantities.
<b>SARA 304 Emergency Release Notification:</b>	None present or none present in regulated quantities.
<b>SARA 313 (TRI Reporting):</b>	None present or none present in regulated quantities.
<b>U.S. California Proposition 65:</b>	No ingredient requiring a warning under CA Prop 65.
<b>TSCA Inventory Status:</b>	This product may contain one or more chemical substances not on the TSCA Inventory. It is sold solely for use subject to regulation under the Federal Food, Drug and Cosmetic Act.
<b>DSL/NDSL (Canada):</b>	All substances contained in this product are in compliance with the Canadian Environmental Protection Act and are present on the Domestic Substances List (DSL) or are exempt.
<b>European Union (REACH):</b>	To obtain information on the REACH compliance status of this product, please e-mail REACH@SDSInquiries.com.
<b>Great Britain (UKREACH):</b>	To obtain information on the UK REACH compliance status of this product, please e-mail REACH@SDSInquiries.com.
<b>China IECSC:</b>	All components of this product are listed on the Inventory of Existing Chemical Substances in China.
<b>Switzerland (SWISS):</b>	All components are in compliance with the Environmentally Hazardous Substances Ordinance in Switzerland.
<b>Australia AICS:</b>	All components are in compliance with chemical notification requirements in Australia.
<b>Taiwan (TCSA):</b>	All components of this product are listed on the Taiwan inventory.
<b>Turkey (KKDIK):</b>	To obtain information on the KKDIK compliance status of this product, please e-mail REACH@SDSInquiries.com.
<b>Japan ENCS:</b>	May require notification in Japan.
<b>Philippines PICCS:</b>	May require notification before sale under Philippines Republic Act 6969
<b>Korea ECL:</b>	This product contains one or more components that are not included on the Korean Existing Chemicals List (KECL). It is intended for use solely as a cosmetic ingredient in Korea.
<b>New Zealand NZIoC:</b>	All components are in compliance with chemical notification requirements in New Zealand.

## 16 OTHER INFORMATION

**Revision Date:** 13-Feb-2024

**Compliance:** This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200

**Disclaimer:** 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.