

## 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: 12-Apr-2021  
Supersedes: 03-Apr-2018

### 1 PRODUCT & COMPANY IDENTIFICATION

<b>Product Name:</b>	Willow Bark Extract, USDA Certified Organic	<b>Distributor:</b>	MakingCosmetics.com 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>	Glycerin, Salix Alba (Willow) bark extract	<b>Phone / Fax:</b>	425-292-9502 / 425-292-9601
<b>CAS Number:</b>	56-81-5, 84082-82-6	<b>Web:</b>	www.makingcosmetics.com
<b>Formula:</b>	No data available		
<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: 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 style="background-color: #0070C0; color: white;">Health</td> <td style="text-align: center;">0</td> <td style="padding-left: 20px;">Minimal</td> </tr> <tr> <td style="background-color: #FF0000; color: white;">Flammability</td> <td style="text-align: center;">1</td> <td style="padding-left: 20px;">Slight</td> </tr> <tr> <td style="background-color: #FFFF00; color: black;">Reactivity</td> <td style="text-align: center;">0</td> <td style="padding-left: 20px;">Minimal</td> </tr> <tr> <td>Specific Hazard</td> <td style="text-align: center;">N/A</td> <td></td> </tr> </table>	Health	0	Minimal	Flammability	1	Slight	Reactivity	0	Minimal	Specific Hazard	N/A	
Health	0	Minimal											
Flammability	1	Slight											
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Specific Hazard	N/A												

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS No.</u>	<u>Weight %</u>	<u>Molecular Weight</u>
Glycerin	7732-18-5	80%	92.09
Willow Bark Extract	84082-82-6	20%	Not available

### 4 FIRST AID MEASURES

<b>Eyes:</b>	Any material that contacts the eye should be washed out immediately with water. If easy to do, remove contact lenses. Seek medical attention if necessary.
<b>Inhalation:</b>	Remove exposed person to fresh air if adverse effects are observed. Seek medical attention if necessary.
<b>Skin:</b>	Wash with soap and water. If skin irritation occurs, get medical attention.
<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 (dry powder, foam, carbon dioxide, water fog) for adjacent fire. Do not use direct water jet.
<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° F (198.9° C) (PMCC)
<b>Specific hazards arising from the chemical:</b>	No unusual fire or explosion hazards noted. 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. See section 8 for recommendations on the use of personal protective equipment.
<b>Environmental precautions:</b>	Avoid release to the environment. Do not contaminate water sources or sewer. Environmental manager must be informed of all major spillages. Prevent further leakage or spillage if safe to do so.
<b>Methods and material for containment and cleaning up:</b>	Dike far ahead of larger spill for later recovery and disposal. Pick up free liquid for recycle and/or disposal. Residual liquid can be absorbed on inert material.

## 7 HANDLING & STORAGE

<b>Precautions for safe handling:</b>	Observe good industrial hygiene practices. Provide adequate ventilation. See section 8 for recommendations on the use of personal protective equipment. Keep container closed when not in use.
<b>Conditions for safe storage, incl. any incompatibilities:</b>	Store in cool, dry well-ventilated area. 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>
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

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>	If contact is likely, safety glasses with side shields are recommended.
<b>Inhalation:</b>	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.
<b>Body:</b>	Suitable gloves can be recommended by the glove supplier.
<b>Other:</b>	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing to remove contaminants. Discard contaminated footwear that cannot be cleaned. Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Light to medium amber liquid	<b>Vapor Pressure:</b>	No data available
<b>Odor:</b>	Character	<b>Vapor Density:</b>	No data available
<b>Odor Threshold:</b>	No data available	<b>Evaporation Rate:</b>	No data available
<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 (@ 25 °C / 77 °F):</b>	4.0-6.5	<b>Flash Point:</b>	>390 °F (198.9 °C) (PMCC)
<b>Boiling Point:</b>	No data available	<b>Specific Gravity:</b>	No data available
<b>Melting Point:</b>	No data available	<b>Solubility in Water:</b>	Soluble
<b>Relative Density (@ 25 °C / 77 °F):</b>	1.24-1.28	<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>	No data available	<b>Freezing Point:</b>	554 °F (290 °C)

## 10 STABILITY AND REACTIVITY

<b>Reactivity:</b>	No data available
<b>Chemical Stability:</b>	Material is stable under normal conditions.
<b>Hazardous Polymerization:</b>	Will not occur.
<b>Conditions to Avoid:</b>	Not 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 as a primary skin irritant.
<b>Eyes:</b>	Not classified as a primary eye irritant.
<b>Respiratory:</b>	Avoid inhalation of mists or vapors. Not classified for acute toxicity based on available data.
<b>Ingestion:</b>	Not classified for acute toxicity based on available data.
<b>Carcinogenicity:</b>	Not classified as carcinogen by IARC, NTP, or OSHA.
<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>Corrosivity:</b>	No data available
<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: >10,000 mg/L (Golden Orfe) (2d)
<b>Aquatic Invertebrate:</b>	Glycerin: EC50: >10,000 mg/L ( <i>Daphnia magna</i> ) (1d)
<b>Terrestrial:</b>	Glycerin: NOEC: >10,000 mg/L (Bacteria) (16h)
<b>Persistence and Degradability:</b>	Glycerin: 90% (28d); readily biodegradable (OECD Test Guideline 301 D)
<b>Bioaccumulative Potential:</b>	Glycerin: Log Kow: -1.76 (Measured)
<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

<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>	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
<b>Transport in bulk according to Annex II of MARPOL</b>	None known.

and the IBC Code:

## 15 REGULATORY INFORMATION

<b>TSCA Inventory Status:</b>	This product contains one or more chemicals substances not on the TSCA Inventory. It is sold solely for uses subject to regulation under the Federal Food, Drug and Cosmetic Act.
<b>TSCA Section 12(b) Export Notification:</b>	None present or none present in regulated quantities.
<b>DSCL (EEC):</b>	No data available
<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>EU EINECS/ELINCS/NLP:</b>	No data available
<b>China IECSC:</b>	All components of this product are listed on the Inventory of Existing Chemical Substances in China.
<b>China IECIC (06.30.2014):</b>	No data available
<b>Australia AICS:</b>	All components are in compliance with chemical notification requirements in Australia.
<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 KECL:</b>	No data available
<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>California Prop 65:</b>	No ingredient regulated by CA Prop 65 present.
<b>European Union (REACH):</b>	To obtain information on the REACH compliance status of this product, please email <a href="mailto:REACH@SDSInquiries.com">REACH@SDSInquiries.com</a> .
<b>New Zealand NZIoC:</b>	All components with chemical notification requirements in New Zealand.
<b>Switzerland SWISS:</b>	All components are in compliance with the Environmentally Hazardous Substances Ordinance in Switzerland.
<b>Taiwan TCSCA:</b>	All components of this product are listed on the Taiwan Inventory.

## 16 OTHER INFORMATION

<b>Revision Date:</b>	12-Apr-2021
<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.