

Willow Bark Extract SA

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

Revision Date: 12/04/2020
Supersedes: 04/25/2017

1 PRODUCT & COMPANY IDENTIFICATION

Product Name:	Willow Bark Extract SA	Distributor:	MakingCosmetics Inc.
Synonyms:	No data available	Address:	10800 231 st Way NE Redmond, WA 98053 (USA)
INCI Name:	Water, Salix Nigra (Willow) bark extract	Phone / Fax:	425-292-9502 / 425-292-9601
CAS Number:	7732-18-5, 84650-64-6, 122-99-6	Web:	www.makingcosmetics.com
Formula:	No data available		
Product Form:	Liquid		
Product Use:	Cosmetic use	Emergency Telephone Number:	1-800-424-9300 (Chemtrec)

2 HAZARDS IDENTIFICATION

GHS Classification: Not classified
GHS Labeling: Not a dangerous substance according to GHS
GHS Hazard Pictograms: None
GHS Hazard Statements: None
GHS Precautionary Statements:
 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.

Potential Health Hazards:
 Eyes: Not expected to be irritant.
 Inhalation: Not expected to be irritant.
 Skin: Not expected to be irritant.
 Ingestion: Not expected to be irritant.

NFPA Ratings (704):

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>
Water	7732-18-5	73.0-75.0%	Not Available
Salix Nigra (Willow) Bark Extract	84650-64-6	25.0-27.0%	Not Available
Phenoxyethanol	122-99-6	0.5-1.0%	Not Available

4 FIRST AID MEASURES

Eyes: Immediately rinse with plenty of water for at least 15 minutes, while keeping the eyes wide open. Consult with a physician. In all cases of doubt, or where symptoms persist, seek medical attention.

Inhalation: Remove to fresh air from exposure area. Get medical attention for any breathing difficulty. In all cases of doubt, or where symptoms persist, seek medical attention.

Skin: Rinse with soap and water. Get medical advice if irritation develops. In all cases of doubt, or where symptoms persist, seek medical attention.

Ingestion: Do Not Induce Vomiting! Never give anything by mouth to an unconscious person. Consult with a physician. In all cases of doubt, or where symptoms persist, seek medical attention.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media: May be combustible at high temperature. Use appropriate media (water, dry chemicals, foam, carbon dioxide) for adjacent fire. Do not use direct water jet. 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 by-products. Stay upwind and keep out of low area.

Special protective equipment & precautions for firefighters: >200° F

Flash Points: None known. See also Stability and Reactivity section.

Specific hazards arising from the chemical:

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. Notify environmental authorities in case of large leaks.

Methods and material for containment and cleaning up: Pick up free liquid for recycling or disposal. Residual liquid can be absorbed on an inert material. Wash non-recoverable remainder with water. For disposal of residues refer to sections 8 & 13.

7 HANDLING & STORAGE

Precautions for safe handling: Keep out of the reach of children. For industrial use, only as directed. Wash hands after use. Avoid storage near feed or food stuff. See section 8 for recommendations on the use of personal protective equipment. Keep container closed when not in use.

Conditions for safe storage, incl. any incompatibilities: Keep container closed until use. Store in cool, dry place. This material must be stored at room temperature (23-25° C). It should not be exposed to excessive heat or cold. Do not freeze. To maintain product quality, do not store in heat or direct sunlight. Shelf life 12 months if stored in original unopened container. Avoid contact with strong oxidizers. Refer to the detailed list of incompatible materials (see section 10 for incompatibilities). Product may be packaged in normal commercial packaging. Recommended - Polypropylene & High Density Polyethylene.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Component</u>	<u>Exposure Limits</u>	<u>Basis</u>	<u>Entity</u>
Willow Bark Extract SA	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. Provide adequate ventilation.

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

Appearance:	Golden to light amber liquid	Vapor Pressure:	No data available
Odor:	Characteristic	Vapor Density:	Not applicable
Odor Threshold:	No data available	Evaporation Rate:	No data available
Color (Gardner):	4 MAX	Flammability:	No data available
Molecular Weight:	No data available	Upper/lower Explosive Limit:	No data available
pH Direct @ 25° C:	5.0-6.5	Flash Point:	>200° F
Boiling Point:	100° C	Specific Gravity:	1.08
Melting Point:	Not applicable	Solubility in Water:	Soluble
Relative Density:	No data available	Auto-Ignition Temperature:	No data available
Partition Coefficient: n-octanol/water:	No data available	Decomposition Temperature:	No data available
Viscosity:	No data available	Explosive Properties:	No data available
Oxidizing Properties:	Non-oxidizing material according to EC criteria	Freezing Point:	0° C
NVM (1g/1hr/105° C/sand):	25.0% MIN	Ash (600° C):	0.50% MAX
Salicylic Acid (UV):	9.8-11.5%	Identification (FT-IR Spectra):	To match standard
Heavy Metals:	<20 ppm	Arsenic:	<2 ppm
Microbial Content:	<100 CFU/g; no pathogens		

10 STABILITY AND REACTIVITY

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

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	No data available
Skin:	Non-irritant (Dermal Irritation Model)
Eyes:	Non-Irritant (Ocular Irritation Model)
Respiratory:	Not determined
Ingestion:	Not determined
Carcinogenicity:	No data available
Teratogenicity:	No data available
Germ Cell Mutagenicity:	No data available
Embryotoxicity:	No data available
Specific Target Organ Toxicity:	No data available
Reproductive Toxicity:	No data available
Respiratory/Skin Sensitization:	No data available
Corrosivity:	No data available
Sensitization:	No data available
Irritation:	No data available
Repeated Dose Toxicity:	No data available

12 ECOLOGICAL INFORMATION

Ecotoxicity	
Aquatic Vertebrate:	Not determined
Aquatic Invertebrate:	Not determined
Terrestrial:	Not determined
Persistence and Degradability:	Readily biodegradable (88% biodegradation after 28 days of testing)
Bioaccumulative Potential:	Not determined
Mobility in Soil:	Expected behavior of product: 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 for transport
TDG (Transportation of Dangerous Goods, Canada):	No data available
IMDG (International Maritime Dangerous Goods):	Not regulated for transport
IATA (International Air Transport Association):	Not regulated for transport
ICAO (International Civil Aviation Organization):	No data available

15 REGULATORY INFORMATION

TSCA Inventory Status:	Exempt
DSCL (EEC):	Exempt: Salix Nigra (Willow) Bark Extract Listed: Water
WHMIS (Canada):	No data available
EU EINECS/ELINCS/NLP:	Aqua (231-791-2) Salix Nigra Bark Extract (283-522-3)
China IECSC:	Not to be used for children under three years of age. Water & Salix Nigra (Willow) Bark Extract
China IECIC (06.30.2014):	No data available
Australia AICS:	7732-18-5 & 84650-64-6
Japan MITI:	Water & Salix Nigra (Willow) Bark Extract
Korea Regulations:	Industrial Safety and Hygiene Regulation: No Hazardous Material Control Regulation: No Fire Prevention Regulation: No Water & Salix Nigra (Willow) Bark Extract
United Kingdom:	Handle in accordance with relevant British regulation: control of substance Hazardous to Health Regulations Environmental Hygiene Guidance: EH40 Workplace Exposure Limits (revised annually)
EC Regulations:	Not to be used for children under three years of age.
Brazilian Regulations:	Not to be used for children under three years of age.
ASEAN Regulations:	Not to be used for children under three years of age.
Mexico Regulations:	Not to be used for children under three years of age.

**Philippines Inventory
Status:**

Exempt: Salix Nigra (Willow) Bark Extract
Listed as: Water

16 OTHER INFORMATION

Revision Date: 12/04/2020

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.