



273 St. Zotique E.,
Montréal, Québec H2S 1L4
www.coopcoco.ca
514-270-0539

SAFETY DATA SHEET

SECTION I - PRODUCT IDENTIFICATION

Product name	Willow Bark Extract
Synonyms and other names	Salix Bark Extract; Salix Nigra (Willow) Bark Extract
Recommended uses	Not available.
Material uses	Ingredient in cosmetic and personal care applications.
Supplier	Coop Coco & Calendula 273 Rue Saint-Zotique E, Montréal, QC H2S 1L4
Emergency number	Poison control Centre: 1-800-463-5060

SECTION 2 - HAZARDS IDENTIFICATION

Product classification (WHMIS 2015)	Not applicable.
Hazards information	Not classified as hazardous.
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.

SECTION 3 - COMPOSITION/ INFORMATION ON INGREDIENTS

Composition	<u>Ingredient</u>	<u>CAS #</u>	<u>Weight %</u>
	Salix Bark Extract; Salix Nigra (Willow) Bark Extract	84650-64-6	100 %

SECTION 4 - FIRST AID MEASURES

Notable exposure symptoms	In all cases of doubt, or when symptoms persist, seek medical attention.
Eye contact	Flush with plenty of water for at least 15 minutes, keeping the eyes wide open. Seek medical advice.
Skin contact	Wash material off skin with soap and water. Get medical advice if irritation develops.



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Inhalation Move to fresh air. Get medical attention if there is breathing difficulty.

Ingestion Consult a physician.

SECTION 5 - FIRE AND EXPLOSION DATA

Fire extinguishing procedures Wear self-contained breathing apparatus and protective gear. Not considered to be a fire and explosion hazard.

Water, dry chemicals, foam, and carbon dioxide.

Special remarks on fire/explosion hazards None specified.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Protective clothing in case of spill and leak Avoid contact with eyes. Wear appropriate personal protective equipment, including safety goggles.

Environmental precautions Prevent entry into sewers and waterways. Do not allow material to contaminate ground water system.

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.

SECTION 7 - HANDLING AND STORAGE

Handling precaution Keep out of reach of children. For industrial use only, use only as directed. Wash hands after use. Avoid storage near food or drink.

Storage precaution Store in a cool, dry area. Keep container closed. Store at room temperature. Do not freeze or expose to excessive heat or cold. Avoid contact with strong oxidizers.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limits None determined.

Engineering controls General mechanical ventilation acceptable.

Personal protection :

Inhalation Provide adequate ventilation.

Skin Protective gloves made of rubber or neoprene. Suitable protective clothing.



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Eye	Chemical safety goggles recommended. Eye wash station should be available.
Other personal protective equipment	Employees should practice good industrial hygiene, washing exposed skin several times daily. Launder contaminated clothing before re-use.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical state and appearance	Colorless to light amber liquid.
Odor	Characteristic.
Odor threshold	No data available.
pH	4.0 - 6.5
Melting Point	Not applicable.
Freezing Point	0°C
Boiling Point	100°C
Flash point	>200°C
Evaporation rate	Not applicable.
Flammability	Not available.
Flammable limits	Not available.
Vapor pressure	Not available.
Vapor density	Not applicable.
Specific density	01.08
Solubility	Soluble
Water/oil dist. coeff.	No data available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not determined.
NVM	25% Minimum
Heavy metals	< 20 ppm
Arsenic	< 2 ppm
Salicylic Acid	9.8 - 11.5%
Ash	0.50% Maximum



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SECTION 10 - STABILITY AND REACTIVITY DATA

Reactivity	No.
Stability	Stable under ordinary conditions of use up to one year; then re-test to extend shelf life.
Possibility of hazardous reactions	None known.
Conditions of instability	Avoid extreme heat.
Incompatibility	No dangerous reactions known with common products.
Decomp. products	None known.

SECTION 11 - TOXICOLOGICAL INFORMATION

Acute effects	Not determined. Product has not been tested for acute oral toxicity, primary cutaneous and corrosive irritation, or mutagenicity/genotoxicity.
Irritation	Non-irritant via Dermal Irritation Model and Ocular Irritation Model
Corrosivity	No data available.
Sensitization	Non-Primary Sensitizers.
Repeated Dose Toxicity / Carcinogenicity / Mutagenicity / Toxicity for reproduction	No known effects.

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity	No ecotoxicity data available.
Persistence and degradation / Bioaccumulation	No ecotoxicity data available.
Mobility in soil	Expected behavior is to accumulate in soil and sediment.



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SECTION 13 - DISPOSAL CONSIDERATIONS

Waste Disposal	Do not allow the product to be released into the environment. Comply with all local, state, and federal laws and regulations.
Container disposal	Cleaning is not required prior to disposal. Comply with all local, state, and federal laws and regulations.

SECTION 14 - TRANSPORT INFORMATION

United Nations number / Identification	Not regulated.
Transportation of Dangerous Goods Regulations	Not regulated.
Packing group Environmental hazards Bulk transport	Not applicable.

SECTION 15 - OTHER REGULATORY INFORMATION

Federal, international and other regulations	EC Regulations:, China Regulations, Brazil Regulations, ASEAN Regulations, Mexico Regulations: Not to be used for children under three years of age. United Kingdom: Handle in accordance with relevant British regulation: control of substance Hazardous to Health Regulations Environmental Hygiene Guidance #H40 Workplace Exposure Limites, revised annually. EINECS: Listed / TSCA inventory: Exempt / AICS Inventory: Listed / Canadian DSL: Exempt / Japan MITI: Listed / Korea: Listed / China: Listed / Philippines: Exempt.
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SECTION 16 - OTHER INFORMATION

Last Updated	27-12-2016
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IMPORTANT : The information presented herein is believed to be accurate and is obtained from current and reliable sources. Final determination of the suitability of the material is the sole responsibility of the user, this document is offered only as a guide. Users assume all risk of use, storage and handling of the product. Coop Coco & Calendula shall not be held responsible for any damages to property or for any adverse physical effects (including injury or bodily harm) caused by insufficient knowledge or the improper use of a product. Coop Coco & Calendula strongly recommends small lab scale testing for evaluation purposes prior to full commercial manufacturing.