

ABS White Willow Bark Extract Powder Certificate of Compliance

Code: 10229
INCI Name: Salix Alba (Willow) Bark Extract
INCI Status: Approved
CAS #: 84082-82-6
EINECS #: 282-029-0

The following information on regulatory clearances is believed to be accurate and is given in good faith as a guide to a global use of our ingredients in cosmetic applications. No representation or warranty as to its competences or accuracy is made. Information is offered for use in general cosmetic applications and may vary in particular applications. Users are responsible for determining the suitability of these products for their own particular use. All regulatory decisions should be made on the advice of your regulatory group or legal counsel.

Country / Regulatory Body	Status of Product
EU (REACH)	Compliant up to 4.60% (Rinse-off Products) or 3.00% (Other Products) <u>Restrictions:</u> Not to be used in preparations for children under 3 years of age, except for shampoos
USA (TSCA)	Exempt
Australia (AICS)	Compliant
Japan (METI)	Compliant up to 1.53%
Canada (DSL)	Compliant up to 3.00%
China (IECSC)	Compliant up to 4.60% <u>Restrictions:</u> Not to be used in preparations for children under 3 years of age, except for shampoos
Brazil (ANVISA)	Compliant up to 4.60% <u>Restrictions:</u> Not to be used in preparations for children under 3 years of age, except for shampoos
Korea (KECI)	Compliant up to 4.60% <u>Restrictions:</u> Not to be used in preparations for children under 3 years of age, except for shampoos
Philippines (PICCS)	Compliant up to 4.60% <u>Restrictions:</u> Not to be used in preparations for children under 3 years of age, except for shampoos
Mexico (COFEPRIS)	Compliant up to 4.60% <u>Restrictions:</u> Not to be used in preparations for children under 3 years of age, except for shampoos

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Attention must be paid to the use of ABS White Willow Bark Extract Powder in the equivalent of OTC formulations (eg. quasi-drugs in Japan, or therapeutic goods in Australia). Some countries maintain restricted inventories of raw materials that can be used in those applications so more detailed guidance may be required.

ABS White Willow Bark Extract Powder and its components and impurities are in compliance with the rules governing cosmetic products in the European Union (Directive 76/768/ECC & Regulation No. 1223/2009). However, ABS White Willow Bark Extract Powder contains natural phenolics which will test positive for salicylic acid (see also Specification). This should be borne in mind when formulating products containing ABS White Willow Bark Extract Powder. The recommended use levels for ABS White Willow Bark Extract Powder is 1.00 – 10.00%.

ABS White Willow Bark Extract Powder is in compliance with the standardized set of rules developed and approved by the NPA (Natural Products Association).

ABS White Willow Bark Extract Powder is considered a non-hazardous material. All significant toxicological routes of absorption have been considered as well as the systemic effects and margin of safety (MoS) based on a no observed adverse effects level (NOAEL). Due to the restriction placed on animal testing of cosmetic raw materials, and Active Concepts, LLC's internal non-animal testing policy, this product was not tested for NOAEL.

ABS White Willow Bark Extract Powder was tested using *in vitro* dermal and ocular irritation models. This product was found to be non-irritating in both models.

To our knowledge the above material is free of CMR (*) substances, as defined according to Regulation (EC) No 1272/2008 and Cosmetic Regulation (EC) No 1223/2009 as amended.

(*) Carcinogenic, Mutagenic, toxic for Reproduction

Active Concepts, LLC certifies that to the best of our knowledge our product does not contain any material listed on California Proposition 65.

As of February 8, 2016, ABS White Willow Bark Extract Powder does not contain any substances present on the so called "candidate list" provided by the European Chemicals Agency (ECHA). We further certify that this material has not been manufactured using any of the species listed in the CITES Appendices as of March 17, 2016.

Active Concepts, LLC certifies that ABS White Willow Bark Extract Powder does not contain any materials prohibited by Halal laws.

ABS White Willow Bark Extract Powder is REACH Compliant and free of the following:

- Alcohol
- Camphor
- Dairy
- Dioxane/Dioxin
- Eucalyptol
- Formaldehyde or formaldehyde donors
- Glycol ethers
- Gluten
- Hydrolyzed Wheat Protein
- Lactose
- Latex
- Methanol
- Menthol
- Nanoparticles
- Nitrosamines
- Palm oil/palm kernel oil (or derivatives)
- Parabens
- Paraffin/petroleum products
- Pesticide residues
- Phthalates
- Polyethylene glycol (PEG)
- Residual solvents
- Soy
- Sulfates
- Synthetic dye
- Triclosan
- Vegetable oils
- Volatile organic compounds

Raw Component Regulations

Please note that the below are global regulations for the raw materials used to manufacture ABS White Willow Bark Extract Powder and are not for the product itself.

ABS White Willow Bark Extract Powder contains 53.00 – 65.00% Salicins, tested as Salicylic Acid. See below for a list of regulations:

Salicylic Acid and salts:

- **Europe: Maximum Authorized Concentration up to 3.00% when used other than a preservative, depending on the application:**
 - a) Rinse-off hair products: Up to 3.00%
 - b) Other products: Up to 2.00%
 - *Limitations and requirements: Not to be used in preparations for children under 3, except for shampoos
 - *Conditions of use and warnings which must be printed on the label: Not to be used for children under 3 years of age
 - *Note (1): Solely for products which might be used for children under three years of age and which remain in prolonged contact with the skin
 - *Intended Purpose must be apparent from the presentation of the final product (e.g. facial toner, anti-acne lotion, etc.)
- **USA: Salicylic Acid is safe when formulated to avoid irritation and to avoid increasing sun sensitivity, or when increased sun sensitivity would be expected, directions for use include the daily use of sun protection.** (*Journal Citation: IJT 22(3):1-108)
- **Japan: Maximum Authorized Concentration:**
 - *Salicylic Acid: 0.20 (per 100 grams) or *Salicylic Acid Salts: 1.00 as total (per 100 grams)
- **Canada: Salicylic Acid permitted in concentrations of 2.00% or less**
- **China: Maximum Authorized Concentration of 0.50% (as acid)**
 - *Limitations and requirements: Not to be used in products for children under age 3, except for shampoo
 - *Warnings: Do not use for children under 3
- **Brazil: Maximum authorized concentration 0.50% (as acid):**
 - *Limitations: Not to be used in children's products under 3 years, except for shampoos
 - *Warnings: Not to be used for children under 3 years of age (1)
 - *Note (1): Solely for products which might be used for children under three years of age and which remain in prolonged contact with the skin
- **ASEAN: Maximum authorized concentration 0.50% (as acid):**
 - *Limitations: Not to be used in preparations for children under 3 years of age, except for shampoos
 - *Warnings: Not to be used for children under 3 years of age
 - *Note (1): Solely for products which might be used for children under three years of age and which remain in prolonged contact with the skin
- **Mexico: Maximum authorized concentration 0.50% (as acid):**
 - *Limitations: Not to be used in preparations for children under 3 years of age
- **Mercosur: Maximum authorized concentration 0.50% (as acid):**
 - *Limitations: Not to be used in preparations for children under 3 years of age, except for shampoos
 - *Warnings: Not to be used for children under 3 years of age
 - *Note (1): Solely for products which might be used for children under three years of age and which remain in prolonged contact with the skin

Regulatory (Continued)

- **Korea: Maximum authorized concentration 0.50% (as acid):**
*Limitations: Not to be used in preparations for children under 3 years of age, except for shampoos