

COSMETIC INGREDIENT INFORMATION SHEET

I. PRODUCT INFORMATION

a. Identification

Trade Name: HallBrite® BHB
INCI Name: Butyloctyl Salicylate

b. Composition of the Ingredient for Cosmetic Product Labelling

INCI Name	CAS# assigned	%
Butyloctyl Salicylate	190085-41-7	100

Additives

Antioxidants: None
 Preservatives: None

c. Specification and Product Characteristics

Physical-chemical Properties: See Safety Data Sheet (SDS) and Technical Data Sheet (TDS)
 Specifications: See TDS and Certificate of Analysis (COA)
 Microbiological information: No microbial content expected based on a review of the raw materials and process.

II. REGULATORY INFORMATION

Animal Testing

This product has not been tested on animals by or on behalf of our Company according to Cosmetic Regulation (EC) N° 1223/2009.

BSE (Bovine Spongiform Encephalopathy)

TSE (Transmissible Spongiform Encephalopathies)

This product is manufactured using only petrochemically derived raw materials. No materials derived from animals are incorporated as raw materials, processing aids or additives. Consequently, there is no risk of transmissible spongiform encephalopathies (TSE), such as bovine spongiform encephalopathy (BSE), associated with the handling or use of this product.

Certifications

See COSMOS, EcoCert, or Organic certificate for a current list of certified products.

The naturalness of the Ingredient, as it is supplied in its entirety, is reported in the table below, according to the ISO 16128 standard.

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In the case of multiple components, the calculation approach for mixtures reported at page 1, part 2 of the norm is used; nevertheless, it refers to the Ingredient in whole.

Ingredient (commercial name)	% of Natural Origin	Natural index	Natural origin index	Organic index	Organic origin index
HallBrite® BHB	0	0	0	0	0

CONEG – Toxics in Packaging Law

The regulated metals, lead, mercury, cadmium and hexavalent chromium, were not intentionally added to this product. The sum of any incidental concentration levels of these metals will not exceed 100 ppm.

Conflict Minerals/Dodd-Frank Act

This product does not use Dodd-Frank Act regulated substances of tin, tantalum, tungsten or gold. Our products are free of conflict minerals as defined in the Dodd-Frank Act and related SEC regulations and guidance.

Country of Origin

See country of origin statement.

Elemental Impurities (ICH Q3D)

Elemental analysis by ICP-MS has been conducted for some metals: As and Hg (<0.06 ppm), Pb and Sb (<0.02 ppm), Cd and Co (<0.0006 ppm) and Ni (<0.6 ppm), Cr (<0.2 ppm), and Pt (<0.008 ppm). These metals are not intentionally added to the manufacturing process.

EU Cosmetic Regulation

This product is in compliance with the European Cosmetic Regulation (EC) 1223/2009 and its amendments and does not contain the substances listed in Annex II, nor substances in Annex III except as subject to the restrictions laid down by the Regulation.

Food Contact Regulations – EU

This product is not manufactured in compliance with the requirements defined in Regulation (EC) n° 1935/2004 and its associated regulations and amendments regarding food contact materials.

Food Contact Regulations - USA

This product is not suitable for use as a food additive or in food contact applications pursuant to USA FDA Regulations under 21 CFR.

Global Chemical Inventories

Australia AIIC

Listed with a Specific information requirement.
Refer to Assessment File No: LTD/1830.¹

Canada DSL/NDL/R-ICL

Listed on the DSL. SNAC Restrictions: (1)
For use in a sunscreen product at no
more than 5% in the final product or (2) for

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use in any product at any concentrations if the product is exported before being sold to the public.²

EU REACH

Compliant.
Registration No.: 01-0000017733-68-0000
If Non-EU Customers want to supply HallBrite® BHB to the EU and rely on this Registration, The Hallstar HallBrite® BHB REACH Agreement must be signed.

China IECSC
Japan ENCS
Korea KECL
New Zealand NZIoC
Philippines PICCS
Taiwan TCSI
US TSCA

Listed
Exempt as cosmetic ingredient
Exempt as cosmetic ingredient
Not Listed
Not Listed
Not Listed
Exempt as cosmetic ingredient

¹<https://www.industrialchemicals.gov.au/sites/default/files/LTD1830%20Public%20Report%20PDF.pdf>

²<http://www.gazette.gc.ca/rp-pr/p2/2010/2010-03-17/pdf/g2-14406.pdf#page=138>

Global Cosmetic Inventories

Australia (TGA – ARTG)

Listed on the ARTG. Restrictions: for dermal use only, concentration not to exceed 7%. Not to be included in topical products intended for use in the eye.

China IECIC
EU CosIng
Korea
US PCPC

Listed
Listed
May be used as an ingredient in cosmetic products
Listed

Halal

This product, including processing aids and/or additives, does not contain animal sourced ingredients, including porcine or porcine derivatives, and is not produced with ethyl alcohol (beverage). It does not have Halal Certification.

Kosher

This product, including processing aids and/or additives, does not contain animal sourced ingredients, including porcine or porcine derivatives, and is not produced with ethyl alcohol (beverage). It does not have Kosher Certification.

Vegan Statement

This product is not manufactured using animal products, by-products or derivatives and no animal testing has been conducted by Hallstar to determine safety and efficacy of this substance.

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IFRA (The International Fragrance Association)

Not applicable.

Irradiation

This product is not irradiated.

Nagoya Protocol

This product is not subject to the provisions of the Nagoya Protocol.

Origin

This product is manufactured using petrochemical materials.

Palm Content

None.

Safety Data Sheet (SDS)

The SDS for this product is available on our website at www.hallstar.com.

Schedule B/ Harmonized Tariff System Code

See country of origin statement.

Sewer Sludge

This product is not grown in sewer sludge.

Substances of Interest

Substance	Present in Product (residual raw material, impurity, intentionally added)	Quantity in Units	Comments
Allergens – Food* <i>EU No. 1169/2011 and USA Food Allergen Labeling and Consumer Protection Act of 2004</i>			
Celery or derivatives	No		
Cereal /grain containing glutens or derivatives thereof ¹	No		
Crustaceans (shellfish) or derivatives ²	No		
Eggs or derivatives	No		
Fish or derivatives ³	No		
Lupin (the herb) or derivatives	No		
Milk, dairy products or derivatives ⁴	No		
Molluscs or derivatives	No		
Mustard or derivatives	No		
Nuts or derivatives ⁵	No		
Peanuts or derivatives	No		

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Substance	Present in Product <i>(residual raw material, impurity, intentionally added)</i>	Quantity in Units	Comments
Sesame seeds	No		
Soy or derivatives ⁶	No		
Sulfur dioxide or sulfites ⁷	No		
Allergens – Fragrance: <i>Annex III of the EU Cosmetics Regulation 1223/2009/EC and its amendments</i>	Yes		
Methyl Salicylate		<0.01%	Present as an impurity
Animal By-products	No		
Asbestos	No		
California Proposition 65 Chemicals** <i>Safe Drinking Water and Toxic Enforcement Act of 1986 - USA</i>	No		
Caffeine Content <i>(for coffee products)</i>	NA		
1,4-Dioxane	No		
Anthraquinones (i.e., Aloin)	No		
Bisphenol A (BPA)	No		
BHA	No		
BHT	No		
Ethanol	No		
Ethylene Glycol / Diethylene Glycol	No		
Ethylene Oxide	No		
Formaldehyde / Formaldehyde Donors	No		
Glycol Ethers	No		
Melamine	No		
Methanol	No		
Mineral Oil	No		
Nitrosamines	No		
Parabens	No		Parabens are not used to manufacture or preserve HallBrite® BHB. No quantifiable Methylparaben was detected in Hallbrite® BHB using modified USP Assay Method in HPLC.
Perfluoroalkyl or Polyfluoroalkyl Substance (PFAS)	No		
Perfluorinated Substances	No		
Phthalates	No		
Polychlorinated biphenyls (PCBs)	No		

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Quaternium-15	No		
Retinol/retinyl esters	No		
Substance	Present in Product (residual raw material, impurity, intentionally added)	Quantity in Units	Comments
Salicylates	Methyl salicylate Salicylic acid	<0.01% <0.1% (typical)	Present as impurities
Silicones	No		
Sulfates	No		
Titanium Dioxide	No		
TBHQ (Tertiary Butylhydroquinone)	No		
CITES (Convention on International Trade in Endangered Species)	NA		
CMRs (Carcinogenic, Mutagenic, or toxic for Reproduction) EC No. 1223/2009 and EC No. 1272/2008	No		
GMOs (Genetically Modified Organisms)**	No		
Heavy Metals	-		See "Elemental Impurities"
Latex	No		
Microbeads Microbead Free Water Act 2015	No		
Microplastics***	No		
Nanomaterials EU Cosmetic Regulation 1223/2009/EC	No		
Ozone Depleting Substances	No		
Pesticides / Pesticide Residues	No		
Residual Monomers	No		
Solvents, residual – Class 1, Class 2, Class 3 or other residual solvents USP General Chapter <467>	No		
SVHCs (Substances of Very High Concern) EC No. 1907/2006	No		
Tetrahydrocannabinol content (for hemp products)	NA		
Volatile Organic Compounds (VOCs)	Butyl Octanol	<2%	Residual

*Food allergen information only includes those allergens which are intentionally added. ¹Cereals containing gluten include wheat, rye, barley, oat, spelt, kamut, and their hybrid stock, ²Includes shrimp, lobster, crab, clams, etc., ³Includes surimi, cod, pollack, whitefish, etc., ⁴Includes whey, lactose, casein, milk and cream, ⁵Tree nuts, which include almonds, Brazil nuts, cashew nuts, chestnuts, filberts, hazelnuts, pecans, pine nuts, pistachio nuts, Macadamia nuts, Queensland nuts and English walnuts and other nuts as identified under section 201(qq) of the US Food Allergen Labeling and Consumer Protection Act, ⁶Includes soy powder, protein, oil, lecithin, tofu, ⁷In excess of 10 mg/kg (10 ppm) as Sulfur Dioxide (SO₂)

** The product does not contain any genetically modified materials.

*** Microplastic definition according to the REACH restriction 78, Regulation (EU) 2023/2055.

III. TOXICOLOGICAL INFORMATION

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Test method	Assessment method	Result
Human Repeated Insult Patch Test – skin irritation/sensitization	in vivo test	Not irritating, not sensitizing
Phototoxicity	in vivo test	No response indicative of sensitization at 100% challenge
Primary Dermal Irritation (16 CFR § 1500.41)	in vivo test	Not classified as a primary dermal irritant. Primary irritation score: 2.12
Primary Eye Irritation (16 CFR § 1500.42)	in vivo test	Not a primary eye irritant
Acute Dermal Toxicity (OECD 402)	in vivo test	LD50 > 2 g/kg
Acute Oral Toxicity (16 CFR § 1500.3)	in vivo test	LD50 > 5 g/kg
Chromosome Aberration (OECD 473)	in vitro test	No evidence of clastogenic activity
Ames Test	in vitro test	No evidence of mutagenic activity
28-day Oral Toxicity (OECD 407)	in vivo test	NOEL 150 mg/kg bwt/day
3T3 NRU Phototoxicity Test (OECD 432)	in vitro test	No phototoxic

IV. ENVIRONMENTAL INFORMATION

Test method	Assessment method	Result
OECD 202 – Daphnia sp. Acute immobilization Test	in vivo test	NOEC ≥ 0.38 µg/l (limit of aqueous solubility)

V. STORAGE, PACKING, HANDLING, TRANSPORTATION

Shelf Life: See COA
Storage/handling
Information: See SDS
Transportation: Not Regulated. See SDS for further information.

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This information is provided in good faith and is believed accurate as of the date below based on a review of current composition and information provided by our suppliers. No warranty is expressed or implied. Liability is expressly disclaimed.