

MATERIAL SAFETY DATA SHEET

THE HALLSTAR COMPANY

Section 1 - Identification of Substance and Company

Product Name: HallBrite® BHB

Product Code: 2231

Chemical Name: Butyloctyl Salicylate

Supplier: The HallStar Company ⁽¹⁾
120 S. Riverside Plaza Suite 1620
Chicago, IL 60606 PH: 877-427-4255
USA

HMIS

Health: 1

Flammability: 1

Reactivity: 0

Gloves & Safety Glasses

Information: (908) 852-6128

Emergency: CHEMTREC - (800) 424-9300

Section 2 - Information on Ingredients

Chemical Name

Butyloctyl Salicylate

CAS Number

190085-41-7

Safety/Risk Phrases: R53: May cause long-term adverse effects in the aquatic environment.
S61: Avoid release to the environment. Refer to special instructions/Safety data sheets.

**This product is intended only for use in cosmetic applications that are regulated
by the Food and Drug Administration of The United States.**

This product is not listed on the Toxic Substances Control Act Inventory of The United States.

Section 3 - Hazard Identification

Clear liquid; mild odor.

Potential Health Effects

Skin Contact: Contact with skin is not expected to cause irritation.

Eye Contact: Contact with eyes is not expected to cause irritation.

Ingestion: Substance may be harmful if swallowed. May irritate mouth, throat and stomach.

Inhalation: May cause dizziness.

Section 4 - First Aid Measures

Skin Contact: Wash affected skin with soap and water. Seek medical attention if symptoms persist.

Eye Contact: Flush eyes with large amounts of water for at least 15 minutes. If irritation persists, consult a physician.

Ingestion: Seek medical advice.

Inhalation: Person should be moved to a fresh air environment.

Product Name: HallBrite® BHB

Section 5 - Explosion and Fire-Fighting Measures

Extinguishing Media: CO₂, Dry Chemical, Water Fog
Special Fire-Fighting Procedures: A MSHA/NIOSH approved self-contained breathing apparatus should be worn.
Unusual Fire and Explosion Hazards: None

Section 6 - Accidental Release/Spill Procedures

Steps to be Taken in Case Material is Released or Spilled: Dike and contain the spill with inert material (i.e., sand, earth, sawdust) and transfer liquid and solid diking material to separate containers for recovery or disposal. Wash floor area with hot water solution. Remove contaminated clothing and wash before reuse. Wash affected skin areas with soap and water. Keep spills out of all sewers and bodies of water.

Section 7 - Handling and Storage

Handling: Any use of this product in an elevated process, should be evaluated to establish and maintain safe operating procedures.
Storage: Keep from contact with oxidizing materials. Containers should be kept tightly closed and stored in a dry well-ventilated place

Section 8 - Personal Protection

Hand Protection: Impervious gloves
Respiratory Protection: None required for normal operation.
Eye Protection: Safety glasses
Engineering Measures: For normal operation, local exhaust ventilation should suffice. Direct exhaust when material becomes heated and fumes are given off.
Other: Eyewash facility in vicinity.

Section 9 - Physical and Chemical Properties

Boiling Point:	N/A	Specific Gravity:	0.9660
Flash Point (COC):	360°F	Evaporation Rate:	N/A
Vapor Density (Air=1):	N/A	Solubility in Water:	Insoluble
Vapor Pressure (20°C):	N/A	pH:	N/A
Appearance and Odor:	Clear liquid; mild odor		

Section 10 - Stability and Reactivity

Stability: This product is stable under normal conditions.
Conditions to Avoid: Strong oxidizing agents.
Hazardous Polymerization: Will not occur under normal circumstances.

Product Name: HallBrite® BHB

Section 11 - Toxicological Information

Acute Oral Toxicity:	Non-toxic. LD ₅₀ > 5000 mg/kg
Acute Dermal Toxicity:	Non-toxic. LD ₅₀ > 2000 mg/kg
Primary Dermal Irritation:	Not a primary dermal irritant. Potential for moderate irritation when applied at 100% under occlusive wrap conditions. PII= 2.12
Primary Eye Irritation:	Not a primary eye irritant. Minimally irritating.
Guinea Pig Maximization Test:	Not a sensitizer. No evidence of sensitization following challenge with 100% of substance.
Ames Test (bacterial mutation assay):	Showed no evidence of mutagenic activity under conditions of study.
In Vitro Mammalian Chromosome Aberration Test in Human Lymphocytes:	Showed no evidence of clastogenic activity under conditions of study.
28-Day Oral Toxicity Study in Rats:	No functional, macroscopic or microscopic pathology at any dose. NOEC = 150 mg/kg/day

Section 12 - Ecological Information

Acute Toxicity - Daphnia Magna:	Not found to be acutely toxic at the limit of aqueous solubility. NOEC ≥ 0.38 µg/l
Acute Toxicity - Rainbow Trout:	Not found to be acutely toxic above (0.50mg/l) limit of aqueous solubility (0.24 mg/l) based on time-weighted mean measured concentration of filtered test samples.
Algal Growth Inhibition:	Not found to be inhibitory to <i>Selenastrum Capricornutum</i> at levels greatly in excess (212 µg/l) of its limit of aqueous solubility (<29.6 µg/l).
Activated Sludge-Respiration Inhibition Test:	EC ₂₀ , EC ₅₀ , EC ₈₀ > 100 mg/l

Section 13 - Disposal Considerations

Waste Disposal Methods: Material should be disposed of in accordance with current local and national regulations. Contacting a waste disposal service is recommended.

Section 14 - Transport Information

Not classified as hazardous according to the Department of Transportation.

Section 15 - Regulatory Information

Toxic Substances Control Act (TSCA): This product is **NOT** listed on the TSCA inventory of the United States. It is intended only for use in cosmetic applications that are regulated by the Food and Drug Administration.

Domestic Substance List (DSL): This product is **NOT** listed on the DSL inventory of Canada.

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Section 15 - Regulatory Information (continued...)

Australian Inventory of Chemical Substances (AICS): This product is **NOT** listed on the AICS inventory of Australia.

European List of Notified Chemical Substances (ELINCS): This product is listed on the ELINCS.
Number: 431-090-3.

Superfund Amendments and Reauthorization Act (SARA): This product has the following hazards as defined in Section 311/312 of 40 CFR Part 372:

Hazards

None

This product contains the following chemicals subject to the reporting requirements of Section 313 or Title III of SARA and 40 CFR Part 372:

Ingredients

None

California Proposition 65: This product contains the following substances known to the State of California to cause cancer, birth defects, or other reproductive harm per the Safe Drinking Water and Toxic Enforcement Act of 1986:

Ingredients

None

Section 16 - Other Information

Prepared By: AAC

Revision Date: 6/07

Supersedes: 8/01

All information is presented in good faith using available information. The HallStar Company makes no representation of the accuracy or completeness of the information. The user should consider this information as a supplement to other information that may be available. User should also determine suitability of information in their situation to determine proper use and disposal, protection of persons and the environment.

⁽¹⁾ Affiliated companies include RTD*HallStar Company, HallStar Solutions Corp., Ester Solutions Company, Memphis Solutions Company and Marine Magnesium & Minerals Company.