



# Safety Data Sheet

## Bakuchiol, 99%

Complies with 29 CFR 1910.1200

### Section 1: Company and Product Identification

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**Product Name:** Bakuchiol, 99%

**INCI Name:** Bakuchiol

**Material Uses:** Active ingredient in cosmetic and personal care applications.

**Restrictions on Use:** Repackaged for cosmetic use only

**Company:** Lotioncrafter LLC  
48 Hope Ln  
Eastsound, WA 98245  
PH: 1-360-376-8008

**Emergency Response:** In USA, Canada and North America, 24 hour / 7 day emergency information for our product is provided by the CHEMTREC Emergency Call Center based in the USA.

USA, Canada, Puerto Rico, Virgin Islands                      CALL +1 800-424-9300  
In case of difficulties or for ships at sea                      CALL +1 703-527-3887  
In Europe, Middle East, Africa, Asia Pacific, South America      CALL +1 703-527-3887

### Section 2: Hazards Identification

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**Hazard Pictograms:**

**Signal Word:** Warning

**Hazard Classification:** Acute toxicity, Oral (Category 5)

**Hazard Statements:** H303 May be harmful if swallowed.

**Precautionary Statements:** Not Applicable

**Other Hazards:** None

### Section 3: Composition / Information on Ingredients

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Name	Hazard Category	CAS#	Weight %
Bakuchiol	Not classified	10309-37-2	100.0%

**Additional Information:** For full text of H-statements and R-phrases: see SECTION 16



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### Section 4: First Aid Measures

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**General Info:** Consult a physician. Show this safety data sheet to the doctor in attendance.

**Notable Exposure symptoms:** Not expected to be a skin or eye irritant (based on available data). Non-toxic by oral ingestion (based on nature of material). No other adverse clinical effects are known to be associated with exposure to this material. No immediate medical treatment normally needed.

**If ingested:** Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

**If inhaled:** If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

**Eye contact:** Check for and remove any contact lenses. In case of contact, immediate flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.

**Skin contact:** Due to its use in cosmetics, no adverse effects are expected. Wash material off with soap and water.

### Section 5: Fire Fighting Measures

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**General Info:** Flash point: 176.59°C. Not flammable or combustible.

**Extinguishing Method /**

**Equipment:** Carbon dioxide (CO<sub>2</sub>), dry chemical, foam, halon, water spray (fog). Firefighters should wear self-contained breathing apparatus (SCBA) and full protective equipment. Do not use direct or heavy water stream to fight fire as it may splash burning liquid.

**Hazardous Decomposition Info:** None known

### Section 6: Accidental Release Measures

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**Personal precautions, protective**

**equipment and procedures:** Use personal protective equipment. Avoid breathing vapors, mist or gas. For personal protection see Section 8.

**Environmental Precautions:** Do not let product enter drains.

**Containment Equipment and**

**Cleanup Procedures:** Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.



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### Section 7: Handling and Storage

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**Safe Handling Precautions:** Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk; evaporate the residue under a fume hood. Ground all equipment containing material. Do not breathe dust.

**Recommendations for Storage:** Store in original sealed container at 10 - 30°C; Avoid exposure to light & heat. Store in a cool place. Keep container tightly closed. Bakuchiol is photochemically and hydrolytically stable.

**Specific End Use(s):** Active ingredient in cosmetic and personal care applications.

### Section 8: Exposure Control / Personal Protection

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**Control Parameters:** Contains no substances with occupational exposure limit values.

#### General / Engineering

**Controls:** General mechanical ventilation is acceptable.

**Eye/face protection:** Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).

**Hand Protection:** Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with the product. Dispose of contaminated gloves after use in accordance with laws and good laboratory practices. Wash and dry hands.

**Body Protection:** Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific workplace. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

**Respiratory Protection:** Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

**Thermal Hazards:** None required under normal conditions of use

**Other:** Observe good chemical hygiene practices, washing exposed areas of the skin several times daily. Launder contaminated clothing before re-use.



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### Section 9: Physical and Chemical Properties

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**Physical State:** Liquid

**Appearance:** Viscous

**Color:** Light Yellow to Gold

**Odor:** Characteristic

**Odor Threshold:** No data available

**pH:** No data available

**Melting Point:** Not determined

**Freezing Point:** Not determined

**Boiling Point:** 391.38°C

**Flash Point (COC):** 176.59°C

**Auto-ignition Temperature:** 363.0°C

**Decomposition Temperature:** Not available

**Evaporation Rate:** Not applicable

**Moisture by KF:**  $\geq 1.0\%$

**Explosive Limits:** Not applicable

**Relative Density:** 0.96 g/ml at 20°C

**Molecular Weight:** 256.38 g/mol

**Water Solubility:** Insoluble in water. Soluble in alcohol and DMSO

**Viscosity (cP):** Not determined

**Explosion Properties:** None

**Oxidizing Properties:** None

**Partition coefficient:** Not available

**Other information:** None available

### Section 10: Stability and Reactivity

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**Reactivity:** Not reactive under normal conditions of use.

**Chemical Stability:** Stable under recommended storage conditions.

#### Possibility of Hazardous

**Reactions:** None known.

**Conditions to Avoid:** Gross bacterial contamination.

**Incompatible Materials:** Reducing agents, oxidizing agents.

#### Hazardous Decomposition

**Products:** Carbon oxides.



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### Section 11: Toxicological Information

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**Acute Toxicity:** Oral LD50 is anticipated to be >5g/kg based on testing of similar materials.

**Irritation:** *in vitro* dermal testing of similar materials show product to be non-irritating.

**Corrosivity:** This is not a corrosive product.

**Sensitization:** No data available.

**Repeated Dose Toxicity:** No data available.

**Carcinogenicity:** None of the components are listed as a carcinogen by IARC, NTP, OSHA, ACGIH or the EU Substances Directive.

**Mutagenicity:** Not expected to present a germ cell mutagenicity hazard.

**Toxicity for reproduction:** Not expected to affect reproduction or development.

### Section 12: Ecological Information

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**Toxicity:** No ecotoxicity data available.

**Aquatic Toxicity:** No data available.

**Persistence and Degradability:** Readily biodegradable.

**Bioaccumulative Potential:** Not expected to be bio-accumulative in aquatic organisms.

**Mobility in Soil:** Since the product is completely soluble in water, it is expected to be highly mobile in soil.

**Results of PBT and vPvB**

**Assessment:** This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

**Other Adverse Effects:** None known.

### Section 13: Disposal Information

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**Product disposal:** Dispose of product in accordance with local, regional, and national regulations.

**Container disposal:** Dispose of container in accordance with licensed collector's sorting instructions.

**Other considerations:** No further information.



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### Section 14: Transport Information

	US DOT	EU Land Transport (ADR/RID/AND)	Sea Transport (IMDG)	Air Transport (ICAO/IATA)
<b>UN Number:</b>	Not regulated	Not regulated	Not regulated	Not regulated
<b>UN Proper Shipping Name:</b>	Not regulated	Not regulated	Not regulated	Not regulated
<b>Transport Hazard Class(es):</b>	Not applicable	Not applicable	Not applicable	Not applicable
<b>Packing Group:</b>	Not applicable	Not applicable	Not applicable	Not applicable
<b>Environmental Hazards:</b>	Not applicable	Not applicable	Not applicable	Not applicable
<b>Special Precautions for User:</b>	None	None	None	None
<b>Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:</b>	Not applicable	Not applicable	Not applicable	Not applicable

### Section 15: Regulatory Information

**OSHA Hazards:** No known OSHA hazards.

**SARA 302 Components:** No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 313 Components:** This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**SARA 311/312 Hazards:** No SARA Hazards.

**Massachusetts RtK:** No components are subject to the Massachusetts Right to Know Act.

**Pennsylvania RtK:** Bakuchiol, CAS-No. 10309-37-2.

**New Jersey RtK:** Bakuchiol, CAS-No. 10309-37-2.

**California Proposition 65:** This product does not contain chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.



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### Section 16: Other Information

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**Indication of Changes:** Version 1.1 created December 6, 2023

**List of Relevant R-phrases**

(number and full text): Not applicable

**Legal Disclaimer:** Since the user's working conditions are not known to us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The product must not be used for any purposes other than those specified under heading 1 without first obtaining written handling instructions.

Lotioncrafter provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose.

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