

## Butyloctyl Salicylate *FAQs*

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**Q: Is the ingredient butyloctyl salicylate found in Sunlight Daily Facial SPF 30 and Sunlight Body safe for use?**

A: Consumer safety concerns regarding **butyloctyl salicylate** typically arise from two primary areas of misunderstanding:

1. **Skin Irritation or Sensitization Risk**
2. **Misconceptions About Its Relationship to Chemical UV Filters or Endocrine Disruption**

*Let's break these down and address their validity.*

### 1. **Skin Irritation or Sensitization Risk**

**Concern:** Some consumers worry that butyloctyl salicylate might cause skin irritation or sensitization, particularly for sensitive skin.

**Validity:**

- **Scientific Findings:** Butyloctyl salicylate has been evaluated by the Cosmetic Ingredient Review (CIR) and other regulatory bodies, which have found it to be non-irritating and non-sensitizing at typical use concentrations (up to 5% in Canada and higher elsewhere).
- **Low Risk:** It functions as an emollient to enhance texture, and its use helps reduce irritation caused by other active ingredients in formulations, such as UV filters.
- **Conclusion:** This concern is largely unfounded for most users unless they have a specific sensitivity, which is rare.

### 2. **Misconceptions About Chemical UV Filters or Endocrine Disruption**

**Concern:** Some people mistakenly associate butyloctyl salicylate with UV filters like octisalate (ethylhexyl salicylate) or worry it has endocrine-disrupting properties.

**Validity:**

- **Clarification:** While butyloctyl salicylate and octisalate are both derived from salicylic acid, their functions are very different.
  - Butyloctyl Salicylate is an emollient and solvent that improves product feel and performance.

- Octisalate is a chemical UV filter.
- **No Endocrine Activity:** There is no evidence that butyloctyl salicylate disrupts hormones. This concern likely stems from confusion with certain UV filters that have shown endocrine activity in some studies.
- **Conclusion:** This concern is a misconception and not supported by scientific data.

### 3. Other Potential Concerns

#### Environmental Impact

- **Validity:** There is no substantial evidence that butyloctyl salicylate is harmful to the environment. It is not classified as persistent, bioaccumulative, or toxic by regulatory bodies.

#### Summary

- **Main Concerns:** Skin irritation and endocrine disruption.
- **Validity:**
  - **Skin Irritation:** Rare and generally unfounded for most people.
  - **Endocrine Disruption:** Based on misconceptions rather than scientific evidence.

**Butyloctyl salicylate** is widely regarded as safe for use in cosmetics when formulated within regulatory limits, such as Canada's 5% upper threshold.

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**Q: Is the use of the ingredient butyloctyl salicylate found in Crunchi's Sunlight Daily Facial SPF 30 and Sunlight Body within Canada's regulatory limits of 5% upper threshold?**

**A:** Yes, the percentage of use complies with the Canadian regulatory upper limits.