




# RAG Chat Assistant



 I want something cruelty-free and light on the skin.


 Based on your preference for cruelty-free products and a light feel on the skin, here are some recommendations:

**SKIN1004:** This brand is certified cruelty-free by PETA's Beauty Without Bunnies program and offers vegan formulations that avoid parabens, sulfates, and synthetic fragrances. Their products are known for being gentle and suitable for sensitive skin, making them a great option for a light feel.

**Beauty of Joseon:** While not 100% vegan, this brand avoids animal-derived ingredients in many of its products (e.g., snail mucin or beeswax) and offers vegan-friendly options like the Relief Sun sunscreen and Glow Deep Serum. The brand emphasizes clean, hypoallergenic formulations that are gentle on the skin.

Both brands align with your preference for cruelty-free products and offer light, non-greasy formulations suitable for sensitive skin.


 What is this company's stance on environmental sustainability?


 Beauty of Joseon and SKIN1004 have demonstrated strong commitments to environmental sustainability, though each company has its own approach and areas of focus. Here's a breakdown of their stances:

## Beauty of Joseon

**Environmental Initiatives:**

- **Packaging:** Uses FSC-certified paper for product boxes and eliminated plastic inserts in favor of molded pulp trays made from recycled materials. Glass bottles and jars contain 20-30% post-consumer recycled content, with plans to increase this to 50% by 2025.
- **Renewable Energy:** Their manufacturing facility in Gyeonggi Province operates on 100% renewable energy since 2022, verified through Korea's Green Energy Certification System.
- **Water Conservation:** Reduced production water usage by 15% since 2021 through a closed-loop water recycling system.
- **Biodegradability:** Formulations emphasize biodegradable ingredients, with 82% of their product line meeting OECD biodegradability standards. Their popular cleansing balm uses a plant-based emulsifier system that biodegrades 28% faster than conventional alternatives.
- **Recycling Programs:** Partnered with TerraCycle Korea for a packaging recycling program that accepts all Beauty of Joseon containers nationwide.

**Areas for Improvement:**

- Certain preservatives used in water-based products have raised questions about aquatic toxicity, though they are within regulatory limits. The company has not yet obtained comprehensive certifications like COSMOS Organic or EWG Verified, though their Relief Sun sunscreen recently earned the European Union's EcoCert certification.
- Opportunities remain for improvement in supply chain transparency and post-consumer recycling incentives.

## SKIN1004

**Environmental Initiatives:**

- **Packaging:** Achieved 100% recyclable packaging across its product lines as of 2023, with glass components containing 30% recycled content and FSC-certified paperboard for outer packaging.
- **Renewable Energy:** Production occurs at CGMP-certified facilities in South Korea that utilize renewable energy for 40% of operations, with plans to reach 70% by 2025 through solar panel installations.
- **Water Conservation:** Reduced water consumption by 35% per product unit since 2019 through closed-loop recycling systems in manufacturing.
- **Sustainable Sourcing:** Sources its signature Centella Asiatica through sustainable farming partnerships in Madagascar, supporting local communities while maintaining biodiversity.
- **Ingredient Choices:** Eliminated microplastics, parabens, and synthetic fragrances from all formulations. 98% of ingredients are derived from natural sources.

**Areas for Improvement:**

- While SKIN1004 has made significant strides in sustainability, there is room for greater transparency in its sustainability reporting.
- The company could explore additional certifications or partnerships to further demonstrate its commitment to environmental responsibility.

## Conclusion

Both Beauty of Joseon and SKIN1004 have demonstrated thoughtful approaches to environmental sustainability, with a focus on eco-friendly packaging, renewable energy use, water conservation, and sustainable ingredient sourcing. While there are areas for improvement in transparency and certifications, these brands align well with values like cruelty-free and gentle skincare while making strides toward reducing their environmental footprint.