

RICE PROTEIN

COSMETIC GRADE

Natural, High-Performance Functional Ingredient for Personal Care



Product Overview

Rice Protein Concentrate is a plant-derived, non-GMO protein obtained from rice through advanced processing. In cosmetic applications, it is typically hydrolyzed into smaller peptides, making it highly bio-compatible with skin and hair.

It is a **clean-label, vegan, and hypoallergenic alternative** to traditional animal and soy-based proteins—ideal for modern cosmetic formulations focused on safety, sustainability, and performance.

Formulation Benefits

- Excellent film-forming and conditioning properties
- Compatible with clean beauty & sulfate-free systems
- Works across shampoos, conditioners, serums, creams, and masks

Applications

- Facial creams & anti-aging formulations
- Hair conditioners & repair treatments
- Shampoos & scalp care products
- Serums & lotions
- Natural / organic cosmetic lines
- Baby care & sensitive skin products

Key Functional Benefits in Cosmetics



Skin Care

- Enhances skin hydration & moisture retention
- Improves elasticity and firmness
- Supports anti-aging by stimulating collagen synthesis
- Provides antioxidant protection against environmental stressors
- Brightens skin tone and reduces dullness



Hair Care

- Strengthens hair fibers and reduces breakage
- Improves smoothness, shine, and manageability
- Forms a protective film to reduce moisture loss
- Repairs damaged cuticle and enhances texture

Why Rice Protein Concentrate? (Competitive Advantage)

Parameter	Rice Protein	Soy Protein	Wheat Protein	Animal Protein
Allergen Risk	Very Low (Hypoallergenic)	Medium (common allergen)	High (gluten)	Medium
Clean Label	Yes (Non-GMO, plant-based)	Often GMO concerns	Limited	No
Skin Compatibility	Excellent	Good	Moderate	Good
Sustainability	High	Moderate (deforestation concerns)	Moderate	Low
Consumer Preference	Vegan / Natural trend aligned	Declining perception	Limited	Declining

Rice protein is naturally hypoallergenic and highly digestible, making it safer for sensitive applications

Performance Superiority

Gentle & Safe

- Free from gluten, dairy, and major allergens
- Ideal for sensitive skin formulations

Enhanced Bio-Compatibility

- Amino acid profile mimics natural skin/hair proteins
- Supports repair and conditioning at the surface level

Multi-Functional Efficiency

- Combines **moisturizing + strengthening + anti-aging** in one ingredient
- Reduces need for multiple additives

Clean Beauty Alignment

- Non-GMO, plant-based, sustainable sourcing
- Meets global demand for **green and ethical cosmetics**

Positioning vs Alternatives

- **Outperforms Soy Protein:** No allergen concerns, better consumer acceptance
- **Outperforms Wheat Protein:** Gluten-free, broader application scope
- **Outperforms Animal Proteins (Keratin/Collagen):** Vegan, sustainable, cruelty-free
- **Comparable Performance** with added clean-label advantage

Sustainability & Market Edge

- Derived from renewable rice sources
- Lower environmental impact vs animal & soy proteins
- Supports **eco-conscious and ethical brand positioning**

Performance Superiority

Rice Protein Concentrate is a next-generation cosmetic protein that delivers high performance, safety, and sustainability. It enables brands to create clean, effective, and consumer-preferred formulations while outperforming traditional protein ingredients.



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LET'S CONNECT

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