

# Premium Nourishment for Resilient Skin

Bird (Swiftlet) Nest Extract gives formulators a recognizable Asian beauty active for hydration, barrier comfort, recovery, elasticity, and youthful-looking skin concepts.

- Water-soluble cosmetic active with a premium heritage ingredient story
- Ideal for hydration, skin recovery, elasticity, and anti-aging positioning
- Works across serums, toners, masks, creams, cleansers, and hair care
- Built around Swiftlet Nest Extract components including Sialic acid and epidermal growth factor



# A Clear Fit for Modern Skin Needs

Consumers want formulas that make skin feel hydrated, resilient, smoother, and healthier-looking while carrying a premium beauty story beyond conventional moisturizers.

- Targets dry, weakened, stressed-looking, and aging skin concepts
- Supports premium, heritage-inspired, repair-focused product positioning
- Relevant for cracked heel care and dry-area body care concepts
- Recognized in Asian beauty and wellness culture

# Hydration With Barrier-Comfort Value

The ingredient supports a hydration-retention story that goes beyond simple moisturization, linking bird's nest ingredient-family evidence with barrier-marker support.

- EBN, enzymatic EBN digest, and N-acetylneuraminic acid increased filaggrin and filaggrin-2 expression
- Moisturizing-related skin-barrier markers support hydration and comfort positioning
- Topical bird's nest extract gel reduced transepidermal water loss by 10% versus placebo in female subjects
- A useful active story for toner, essence, serum, mask, and cream launches

# Elasticity and Youthful-Looking Skin Support

Bird (Swiftlet) Nest Extract helps brands build premium anti-aging and elasticity stories using topical test data and ingredient-family anti-wrinkle evidence.

0.5% bird's nest extract gel improved elasticity by 19% in female subjects after 1 month

The same topical gel improved elasticity by 7% in male subjects after 1 month

- Placebo showed no elasticity change in the source test
- Oral EBN human evidence supports a broader anti-wrinkle and skin-health story for the ingredient family

## Recovery Concepts for Stressed Areas

The ingredient also supports recovery-focused concepts for dry, rough, or stressed-looking skin where comfort and visible improvement matter.

- In vitro scratch testing showed accelerated wound-healing activity in human keratinocytes after 24 hours
- Activity was dose-dependent compared with control
- Topical bird's nest extract gel showed significant cracked heel improvement after 1 month
- Fits recovery gel masks, dry-area gel creams, body care, and foot care

## Easy to Add, Easy to Position

Water solubility and final-step addition make Bird (Swiftlet) Nest Extract practical for modern aqueous formats while preserving a premium active story.

- Recommended use level: 5.00%
- Use range: 0.10% - 10.00%
- Add at the last step into the water phase or finished formula
- Avoid temperature above 40C; stable pH range: 4.00 - 6.50
- Shake well before mixing

# One Active Across Many Formats

The extract gives product teams flexibility to build a shared bird's nest active story across face, body, hair, cleansing, color, and treatment formats.

○ Skin care: cream, lotion, clear gel, toner, mask, serum, spray, body butter

○ Cleansing: cleanser, liquid soap, bar soap, scrub

○ Hair care: shampoo, conditioner, hair styling, hair treatment

○ Color and specialty formats: lip, foundation, primer, concealer, mascara, eye liner, sunscreen



## Evidence That Builds Claim Confidence

Research on the edible bird's nest ingredient family gives formulators a structured reason-to-believe for hydration, barrier comfort, soothing, and anti-wrinkle positioning.

- Supports hydration and barrier positioning by showing EBN, enzymatic EBN digest, and N-acetylneuraminic acid increased filaggrin/filaggrin-2 expression and moisturizing-related skin-barrier markers in keratinocyte models. Citation: Queenie Wing Sze Lai et al.
- Supports soothing and skin-barrier comfort positioning by showing EBN preparations and N-acetylneuraminic acid reduced TNF- $\alpha$ -induced ROS, NF- $\kappa$ B/MAPK signaling, cytokines, and DNCB dermatitis severity in mice. Citation: Queenie Wing Sze Lai et al.
- Supports anti-wrinkle and skin-health positioning for the EBN ingredient family by reporting improved skin wrinkles and related skin-health endpoints in a randomized double-blind placebo-controlled oral EBN study. Citation: Hyung Mook Kim et al.

# Launch Concepts With Premium Appeal

Bird (Swiftlet) Nest Extract can anchor multiple high-value product concepts where nourishment, hydration, comfort, recovery, and Asian beauty heritage are central to the story.

- Premium anti-aging serum at the recommended 5.00% level
- Hydration barrier toner or essence for filaggrin-related support
- Skin recovery gel mask for tired, dry, stressed-looking skin
- Cracked heel and dry-area gel cream for rough-looking areas
- Premium eye and face cream for elasticity and wrinkle-care positioning



## Choose It for Story and Science

Bird (Swiftlet) Nest Extract gives scientists and product developers a practical active with premium differentiation, broad format compatibility, and multiple evidence-backed positioning routes.

- Premium Asian beauty ingredient story with recognizable consumer appeal
- Hydration, barrier comfort, elasticity, recovery, and anti-aging positioning routes
- Water-soluble, final-step addition for easier formulation adoption
- Technical profile: Water, Swiftlet Nest Extract; milky white liquid; 24-month shelf life; current lot expires 02/2028

