



SunVirin VG

Multifunctional Natural Active for Advanced Skin Protection & Rejuvenation
“Infused with Azukia Radiata Peptides (and) Camellia Sinensis polyphenols.”

Product Overview :

INCI Name: Azukia Radiata Extract (and) Camellia Sinensis Extract / Theasinensis Extract (and) Glycerin (and) Propylene Glycol (and) Phenoxythenol (and) Ethylhexyglycerin (and) Aqua.

Form: Water-soluble liquid

Origin: 100% Vegetable Source

Applications: SPF Booster • Anti-Aging • Skin Hydration • Anti-Wrinkle • After-Sun Care

• Product Concept :

The Azukia Radiata & Camellia Sinensis Extract is a synergistic botanical complex designed to deliver comprehensive protection and rejuvenation for modern skincare formulations.

By combining the cellular renewal potential of Azukia Radiata Extract with the antioxidant strength of Camellia Sinensis Extract polyphenols, this blend supports skin vitality, hydration, and defense against photoaging.

It acts as a **Natural SPF booster**, enhances collagen preservation, and provides hydrating and soothing benefits, making it ideal for **premium anti-aging** and protective skincare lines.

🌿 Key Features & Benefits :

Feature	Benefit
Dual Antioxidant Synergy	Potent combination of mung bean sprout peptides and green tea catechins neutralizes free radicals and reduces oxidative stress.



Feature

Benefit

Natural SPF
Booster

Enhances the photostability and efficacy of UV filters, providing improved skin defense against photoaging.

Anti-Aging &
Anti-Wrinkle
Action

Stimulates collagen synthesis and inhibits collagen-degrading enzymes (MMPs) for firmer, smoother skin.

Deep Skin
Hydration

Amino acids and peptides from sprouts improve moisture retention and strengthen the skin barrier.

Soothing &
Calming Effect

Reduces redness, irritation, and UV-induced inflammation, ideal for sensitive and post-sun skin.

Brightening &
Vitalizing

Revitalizes dull skin, promoting a fresh, radiant complexion.

Key Active Components :

- Azukia Radiata Peptides (and) Camellia Sinensis polyphenols.
 - Rich in amino acids, peptides, and polyphenols.
 - Supports cell renewal and skin elasticity.
 - Provides long-lasting hydration and antioxidant protection.
 - Strengthens the skin barrier and smoothens texture.
 - High in catechins (EGCG, EGC) and natural antioxidants.
 - Protects skin from UV-induced oxidative stress.
 - Reduces inflammation and prevents premature aging.
 - Helps maintain firmness by protecting collagen and elastin fibers.
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⚙ Mechanism of Action :

- 1. Antioxidant Defense:**
The combination of sprout polyphenols and green tea catechins actively scavenges reactive oxygen species (ROS) and protects skin cells from oxidative damage.
- 2. Collagen Preservation:**
Bioactive peptides enhance fibroblast activity and reduce collagen breakdown caused by UV exposure.
- 3. Hydration Enhancement:**
Natural amino acids and sugars improve moisture retention in the stratum corneum, maintaining smooth, plump skin.
- 4. SPF Enhancement:**
Polyphenols improve UV filter stability and boost overall photoprotection in sunscreen formulations.
- 5. Anti-Inflammatory Support:**
Azukia Radiata Peptides (and) Camellia Sinensis polyphenols soothe irritation and reduce redness caused by environmental aggressors.

🔴 Cosmetic Applications

Product Type	Recommended Usage Level
SPF Creams & Lotions	2.0 – 5.0%
Anti-Aging Serums	3.0 – 5.0%
Hydrating Creams / Gels	1.0 – 3.0%
Anti-Wrinkle Eye Creams	2.0 – 5.0%
After-Sun Recovery Products	2.0 – 3.0%

🔴 Technical Data

Parameter	Specification
Appearance	Light yellow to pale brown liquid / powder
Odor	Mild, herbal
Solubility	Water



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Parameter	Specification
pH (1% solution)	4.5 – 5.5
Active Components	Polyphenols, Amino Acids, Peptides, Catechins
Shelf Life	24 months (under recommended storage conditions)

✿ Formulation Compatibility

- Compatible with emulsifiers, humectants, natural oils, UV filters, and most cosmetic actives.
- Suitable for cold and hot process emulsions.
- Can be incorporated into both leave-on and rinse-off skincare formulations.

Packaging & Storage

- Available Pack Sizes: 1 kg / 5 kg / 25 kg HDPE containers.
- Storage Conditions: Store in a cool, dry place (below 25°C), away from light and moisture.
- Shelf Life: 24 months from date of manufacture (unopened).

✓ Certifications & Claims

- 100% Plant-Derived Active
- Non-Irritant & Dermatologically Tested
- Paraben-Free, Silicone-Free, Mineral Oil-Free
- GMO-Free & Cruelty-Free
- Eco-friendly & Sustainable Source