

iMOIST BG

INCI Name (US): Beta-Glucan

INCI Name (EU): Beta-Glucan

CAS #: 160872-27-5

**General Information/
Characteristics:**

Beta-glucan (BG) is an oat derivative that provides anti-allergy, anti-inflammatory properties to cosmetic products. BG is suitable for sensitive skin care, baby skin care and reactive skin care. Through the topical application of beta-glucan, the natural protection systems in the skin can be revitalized. This results in the reduction of skin sensitivity. Furthermore, the ability of the skin to repair itself will be enhanced, yielding healthier and more lubricous skin.

Benefits / Application:

Hair care benefits:

- Enhances the strength of hair as it forms a natural moisture barrier.
- Reduces breakage and increases body and volume.
- Improves hair gloss.
- Enhances health of scalp.
- Provides the natural nourishment.
- Non-irritating if eye contact occurs.

Skin care benefits:

- Anti-aging, anti-Irritant, and non-greasy.
- Visible improvement in lines and wrinkles as it accelerates healing of wounds.
- Relieves sunburn, protects against UV light redness.
- Effective skin hydration.

Applications:

- Facial creams, facial cleansers and face masks.
- Sensitive and reactive skin care products such pre-and after sun exposure creams/lotions.
- Shampoo and conditioners.
- Make-up products such as foundations.
- Eye, body and hand creams/serums.
- Lip balms.

Formulations Advices:

Usage level: 3 - 10%

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Regulatory Status: No specific regulation.

Physical-Chemical Properties:

Appearance:	Viscous transparent liquid.
Color:	Colorless to yellowish.
Beta glucan content:	Min. 1.0 %
pH value (25 °C):	5.0-8.0
Heavy metals:	Max. 10 ppm

Microbiology:

Total bacterial count:	Max. 100 cfu/mL
Yeast and mold:	Max. 80 cfu/mL

These values indicate typical specification; they are not intended to be used as product specifications

Additives: None.

Shelf Life/ Storage Conditions: 2-year validity. Keep in cool, dry, ventilated and lightless place stored at 25°C in unopened original packaging. Reclose immediately after use.

Packaging: 20kg and 5kg plastic drums.

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