

**iWHITE BR**


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**INCI Name (US):** 4 – Butyl Resorcinol

**INCI Name (EU):** 4 – Butyl Resorcinol

**CAS #:** 18979-61-8

**General Information/  
Characteristics:** iWhite BR is a widely used active ingredient in skin lightening formulations. It is a strong inhibitor of tyrosinase and peroxidase. iWhite BR is used as a skin lightener and even-toner for normal, hyper pigmented and melisma affected skin. It exhibits good protective properties against H2O2 induced DNA damage is shown to have anti glycation effect.

**Benefits / Application:** Skin care benefits:

- iWhite BR is a recognized skin lightening ingredient that has quite a few studies backing up its effectiveness at inhibiting tyrosinase as well as melanin synthesis.
- Using skin lighteners or having a skin lightening regimen that attacks melanogenesis at different stages (enzyme production, transfer of melanin from melanocyte to keratinocytes) produces better results. Using iWhite BR in the formulation inhibits melanin formation and proliferation in both steps in melanogenesis effectively and gently.
- These formulations can be used as an all over skin lightener and a melanin controller for hyperpigmentation, discolorations, freckles and melasma. The effects of iWhite BR are complimented by plant extracts and light weight base that is a perfect for all skin types

Applications:

- Creams
- Lotions
- Soaps
- Sun Care Products
- Make up and Cosmetics

**Formulations Advices:** Minimum effective dosage: 0.3 %

**Regulatory Status:** No specific regulations.

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**Physical-Chemical Properties:**

Appearance:  
Melting Point:

White to off white powder.  
50°C

**Additives:**

N/A.

**Shelf Life / Storage Conditions:**

2- year shelf life. Store in a cool and dry area.

**Packaging:**

25 kg/drum.

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