

# **BELGUARD PEG IPBC**



## **(Blend of PEG 4, PEG 4 Monolaurate, PEG 4 Dilaurate & IPBC)**

BELGUARD PEG IPBC is a highly effective fungicide featuring a high level of antimicrobial activity in a wide variety of cosmetic and personal care formulations. It also inhibits the growth of gram-positive and gram-negative bacteria, yeasts and molds with a combination of bactericide.

- Readily soluble in the presence of water and polar organic solvents
- Can be used between pH range 2-10
- Wide range of application

The product can be used in the many types of cosmetic formulations, surfactants, body care, hair care, all other cosmetics and toiletries.

### **PRODUCT DESCRIPTION :-**

Product Name :- BELGUARD PEG IPBC

<b>Ingredient</b>	<b>PEG 4</b>	<b>PEG 4 monolaurate</b>	<b>PEG4 Dilaurate</b>	<b>3 Iodo 2 Propynyl Butyl Carbamate</b>
CAS No	25322-68-3	9004-81-3	9005-02-1	55406-53-6
EINECS No	500-038-2	618-396-4	618-406-7	259-627-5

### **TECHNICAL DATA :-**

<b>Description</b>	<b>Parameter</b>
Appearance	Clear liquid
Colour	Yellow
Odour	Mild Characteristic
Assay as IPBC	9.1 to 10.3%
Colour Gardner	Max 8.0
% Water Content w/w (Karl Fisher)	1.0% Max
Specific gravity	1.0-1.04

**Use Concentration:** As a preservative, up to a maximum concentration of 0.3 %w/w in Personal care cosmetic products.

Not allowed in oral hygiene & lip products or in preparations for children under age 3 except in rinse off products

**Storage:** Store in a cool dry area. Protect it from the extreme heat conditions. Tightly closed containers in dry conditions.

**Expiry Date:** 18 Months from the date of manufacturing.

**Packaging:** 200 Kg drum, as per customer request.