

(Blend of 1-3 Dimethylol – 5,5Dimethyl Hydantoin & IPBC)

BELGUARD DMDMH PLUS POWDER is a unique and cost-effective preservative featuring a high level of antimicrobial activity in a wide variety of cosmetic and personal care formulations. It is a synergistic combination of DMDM hydantoin & Iodopropynyl Butylcarbamate allowing dual mode of action in inhibiting the growth of gram-positive and gram-negative bacteria, yeasts and moulds without the need of additional auxiliary preservatives.

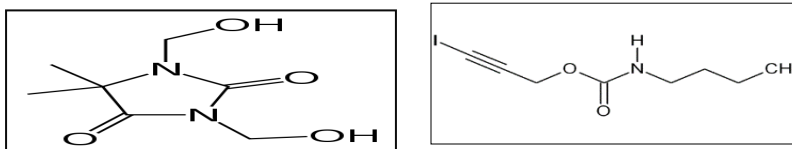
1. Broad Spectrum activity against Gram-positive, Gram-negative bacteria, yeasts and mould
2. Ultra low Free Formaldehyde (<0.1%)
3. Granular form with mild odour
4. Easy to use & cost effective
5. Remains stable for extended periods of time over wide pH & temperature range
6. Wide pH range 3-9

The product can be used in the many types of cosmetic formulations, surfactants, hair care, baby products, creams, wipes & all other cosmetics and toiletries.

PRODUCT DESCRIPTION :-

Product Name : - BELGUARD DMDMH PLUS POWDER
 CAS No : - 6440-58-0 ,55406-53-6
 EINECS No : - 229-222-8 , 259-627-5
 Chemical Name : - 1-3 Dimethylol – 5,5Dimethyl Hydantoin & Iodopropynyl butylcarbamate

Molecular structure:-



TECHNICAL DATA :-

<i>Description</i>	<i>Parameter</i>
Appearance	White granular form
Total Formaldehyde	27.0 -32.0%
Free Formaldehyde	0.09% Max
% Water Content w/w (Karl Fisher)	1.0% Max
Melting Point	90.0 to 97.0°C
Iodopropynyl Butyl Carbamate	4.5-5.5%

Use Concentration:

As preservative, up to a maximum concentration of 0.3 %w/w in household and industrial products. It is Soluble in anionic surfactants, nonionic surfactants, cationic surfactants, alcohols, glycols, and glycol ethers.

Not allowed for oral hygiene and lip products or in preparations for children under the age of 3 except in rinse-off applications

Storage:

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

Expiry Date:

One year from the date of manufacturing.

Packaging:

25 Kg Cartons or as per customer request.