



BELGUARD DMDMH

PRODUCT DESCRIPTION

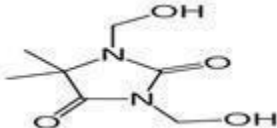
Belguard DMDMH is an antimicrobial formaldehyde releaser preservative. It is used in the cosmetic industry & found in products like shampoos, hair conditioners, hair gels, lubricants, skin care & personal care products. It can be particularly effective in detergent based formulations which can have some inherent antimicrobial activity but which are susceptible to growth of some type of micro-organisms.

SALIENT FEATURES OF BELGUARD DMDMH

- Broad Spectrum activity against gram-positive, gram-negative bacteria, yeasts and mould.
- Effective over pH range 3.0 - 8.0.
- Retains activity in the presence of non-ionic surfactants and other common ingredients of personal care products.

The product can be used in personal care products like shampoos, hair conditioners, creams, lotions, baby products, eyeliners, mascaras and almost all other water-based cosmetics and toiletries.

COMPOSITION

Product Name	BELGUARD DMDMH
CAS No.	6440-58-0
EINECS No.	229-222-8
Chemical Name	1-3 Dimethylol – 5,5-Dimethyl Hydantoin
Chemical Formula	$C_7H_{12}N_2O_4$
Molecular Weight	188.18.
Structure	

BELCHEM INDUSTRIES (INDIA) PVT. LTD.

Regd. Office : 205, Wadala Udyog Bhavan, Naigaum Cross Road, Wadala (W), Near Wadala Telephone Exchange, Mumbai-400031, India.

Tel. Off.: +91-22-24102278. Fax : +91-22-24102288. Factory : 0251-2358204/05 .

Email: sales@belchem.com . web: www.belchem.com

CIN No: U99999MH1986PTC038883 . A GOVT. RECOGNISED EXPORT HOUSE.





TECHNICAL DATA

Description	Parameter
Appearance	Clear, Colorless & Free from Foreign Material
Odour	Odourless
Colour (APHA) Max	10.0
Total Formaldehyde w/w	17 - 19%
Free Formaldehyde w/w	Max. 1%
Water Content w/w (Karl Fisher)	44.0 - 46.0%
pH of solution on as such basis @ 27 ± 0.20C	6.5 - 7.5
DMDMH Content w/w	54 - 55%

CONCENTRATION

As preservative upto a maximum concentration of 0.6% w/w.

STORAGE

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

EXPIRY DATE

1 year from the date of manufacturing.

PACKAGING

1000 kg IBC / 250 kg HDPE Drum / 35 kg Carboy .

BELCHEM INDUSTRIES (INDIA) PVT. LTD.

Regd. Office : 205, Wadala Udyog Bhavan, Naigaum Cross Road, Wadala (W), Near Wadala Telephone Exchange, Mumbai-400031, India.

Tel. Off.: +91-22-24102278. Fax : +91-22-24102288. Factory : 0251-2358204/05 .

Email: sales@belchem.com . web: www.belchem.com

CIN No: U99999MH1986PTC038883 . A GOVT. RECOGNISED EXPORT HOUSE.

