



BELGUARD DMDMH 2000

PRODUCT DESCRIPTION

BELGUARD DMDMH 2000 is an improved antimicrobial preservative. It contains ultralow formaldehyde resulting in reduced regulatory issues. It is used as a preservative in the cosmetic industry & found in personal care and home care products like shampoos, hair gels, lotions, creams, lubricants, cleaning aid formulations.

COMPOSITION

Product Name	BELGUARD DMDMH 2000
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.

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

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PHYSICAL PROPERTIES

Description	Parameter
Appearance	Clear, Colorless, Free from Foreign Material
Odour	Matches with standard
Colour (APHA) Max	10.0
Total Formaldehyde w/w	~ 18%
Free Formaldehyde w/w	< 0.1%
Water Content w/w (Karl Fisher)	~ 30%
pH of solution on as such basis @ 27 ± 0.20C	6.5 - 7.5

FORMULATION

Compatible with anionic, cationic & nonionic system. Suitable for wide pH range 3 - 10.

USE CONCENTRATION

As preservative upto a maximum concentration of 0.6%.

STORAGE

Store in tightly closed containers in dry conditions.

EXPIRY DATE

1 year from the date of manufacturing.

PACKAGING

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

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