



BELGUARD EHG DO

PRODUCT DESCRIPTION

BELGUARD EHG DO is a combination of two key ingredients namely 2-Ethyl hexyl glycerine known for its deodorant and skin property action coupled with Octenidine hydrochloride, an effective antimicrobial agent at low concentration. It has a high deodorant efficiency due to its inhibitory action both on the growth and proliferation of bacteria causing the smell, without significantly altering the natural cutaneous flora.

SALIENT FEATURES OF BELGUARD EHG DO

- Deodorant with antimicrobial properties.
- Very effective at low concentration compared to other ingredients.
- Synergistic combination of the two active ingredients provides excellent efficacy even at low concentration compared to other ingredients.
- The product is practically odourless and colorless.
- The product is a liquid concentrate.
- Safely inhibits the growth and multiplication of odour causing bacteria in the skin.
- Feel of smoothness to skin.
- Proven to be a good substitute for Triclosan in personal care and for Chlorhexidine Diglconate in pharmaceutical application in containing microbial proliferation.

COMPOSITION

	Propylene Glycol	Ethylhexyl Glycerin	Octenidine Hydrochloride
Molecular Weight	76.09 g/mol	204.31 g/mol	623.83
CAS No.	57-55-6	70445-33-9	70775-75-6
CAS Name	1,2 Propanediol	3- (2-Ethylhexyloxy) propane-1, 2-diol	N,N - (Decane-1,10-diyldi-1(4H)-pyridyl-4- ylidene) bis(octylammonium) dichloride
INCI Name	Propylene Glycol	Ethylhexyl Glycerin	Octenidine HCl

BELCHEM INDUSTRIES (INDIA) PVT. LTD.

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





GENERAL REMARKS

- BELGUARD EHG DO is a colourless liquid with a characteristic odour and well tolerated at high temperature in the range of 100°C for a short duration.
- The recommended pH range is 3 - 10.
- This composition is not compatible with surfactants, thickeners and colorants as these ingredients will reduce its efficacy in the final formulations.

TECHNICAL DATA

Description	Parameter
Appearance	White to Pale Yellow
Density	1.010 - 1.030
pH (0.8% Solution)	5 - 7
IR	Match with standard IR graph
% Ethylhexylglycerin	14.3 - 17.3
% Octenidine Hydrochloride	1.4 - 1.8
Refractive Index	1.430 - 1.444

RECOMMENDED DOSAGE

The concentration will be in the range 0.5 - 1.0% depending on the end application.

STORAGE

Store in the original container at room temperature. Keep away from light & heat.

SHELF LIFE

2 years from the date of manufacturing in its original packed condition.

PACKAGING

Available in 200 kg, 25 kg HDPE Drum or HDPE Carboy.

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