

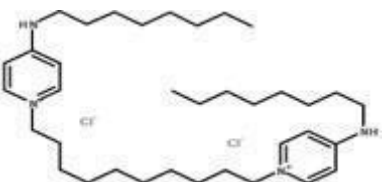
BELGUARD OCTENIDINE HYDROCHLORIDE

PRODUCT DESCRIPTION

Octenidine Dihydrochloride is a cationic surfactant, pyridine based molecule and is used extensively as an antiseptic for topical applications. It has been found in large area of application and is an alternative for older substances like Chlorhexidine, Polividone-iodine and Triclosan.

It is used for the topical application of Atopic Dermatitis, Wounds, Vaginal Applications, Inflamed Eczema, Acne, and Herpes and for controlling multidrug resistant pathogens.

COMPOSITION

Product Name	Octenidine Hydrochloride
CAS No.	70775-75-6
EINECS No.	274-861-8
Chemical Name	N,N'-[Decane-1,10-diyl-di-1(4H)-pyridyl-4-ylidene]bis(Octylammonium) Dichloride
Chemical Formula	$C_{36}H_{64}Cl_2N_4$
Molecular Weight	623.83
Synonyms	N-octyl-1-[10-(4-octyliminopyridin-1-yl)decyl]pyridin-4-imine hydrochloride. N,N'-(decane-1,10-diyl-dipyridin-1-yl-4-ylidene)dioctan-1-amine hydrochloride
Structure	

BELCHEM INDUSTRIES (INDIA) PVT. LTD.

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

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



TECHNICAL DATA

Description	Parameter
Appearance	White to off white powder
Identification 1) Infrared Spectroscopy 2) HPLC	Matches with the standard The retention time of the sample matches with the standard.
Moisture	NMT 2.0%
Related Substances by HPLC 1) 4-Octyl Amino pyridine 2) Unknown individual impurity 3) Total impurities	NMT 0.1% NMT 0.1% NMT 0.5%
Purity (on dry basis)	98 % - 100%

CONCENTRATION

0.1 - 2.0%

STORAGE

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

EXPIRY DATE

2 years from the date of manufacturing.

PACKAGING

25 kg, 10 kg in Carton or Fibre Drum.

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