

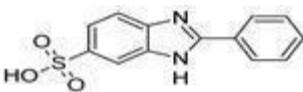


BELGUARD PBSA (Phenylbenzimidazole Sulfonic Acid)

PRODUCT DESCRIPTION

BELGUARD PBSA (Phenylbenzimidazole Sulfonic Acid) is a UV-B filter that absorbs UV light between 280-340 nm to protect skin from sunburn and cancer. Due to its water solubility, it works perfectly for sun protection without oil or exceeding the contents of oil. It is compatible with almost all cosmetic ingredients. It is always used in combination with other UV filters like Avobenzone, Titanium oxide, Zinc Oxide etc.

COMPOSITION

Product Name	Phenylbenzimidazole Sulfonic Acid
CAS No.	27503-81-7
EINECS No.	248-502-0
Chemical Name	2-Phenyl-3H –Benzimidazole -5-Sulfonic Acid
Chemical Formula	$C_{13}H_{10}N_2O_3S$
Molecular Weight	274.3
Synonyms	2-Phenyl benzimidazole-5-Sulphonic Acid, Ensulizole (USA), Eusolex 232 (Merck), Neo Heliopan Hydro (Symrise), PBSA
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	White to Pale Beige Powder
Odour	Almost Odourless
Assay w/w	98% - 102 %
Loss on drying w/w	< 2%
Specific Absorbance (1%, 1cm, @ 302±2nm)	920 - 990
Total Aerobic count Total Yeast & Mould count	Max 100 CFU /gram Max 10 CFU /gram

CONCENTRATION

In USA upto 4%, in Europe & Canada upto 8%, in Japan upto 3% and in China and India upto 4%.

STORAGE

Store in tightly closed containers in cool & dry conditions. Keep away from direct sunlight.

EXPIRY DATE

2 years from the date of manufacturing.

PACKAGING

25 kg in carton or fibre drum.

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