

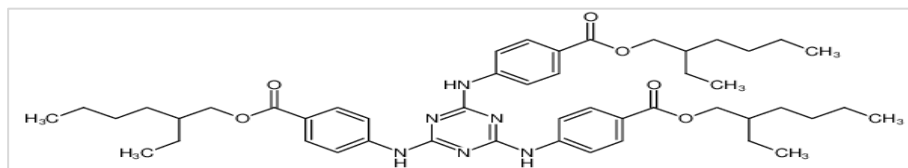
BELGUARD EHT (ETHYLHEXYL TRIAZONE)



BELGUARD EHT (ETHYLHEXYL TRIAZONE) is an UVAII & UV-B filter that absorbs UV radiation to protect skin from sunburn and its effects. It shows high absorptivity at 314nm. It is the most effective oil soluble UVB filter, having excellent photo stability. It fits perfectly for water resistant formulations. Its polar nature gives it good affinity to the keratin in the skin. Because of its high E1/1 value, only small concentrations are required in cosmetic sun-care preparations, to achieve a high SPF value. It is used as an UV-B absorbing agent in sunscreen creams, lotions, lipsticks and sun oils. It has good compatibility with other UV absorbers & it also protects against free radicles.

PRODUCT DESCRIPTION:

Product Name : ETHYLHEXYL TRIAZONE
 CAS No : 88122-99-0
 EINECS No : 402-070-1
 Chemical Name : 2,4,6-Trianiilino-(p-carbo-2'-Ethylhexyl-1'-oxy)-1,3,5-Triazin
 Chemical Formula : C₄₈H₆₆N₆O₆
 Molecular Weight : 823 gm /mole



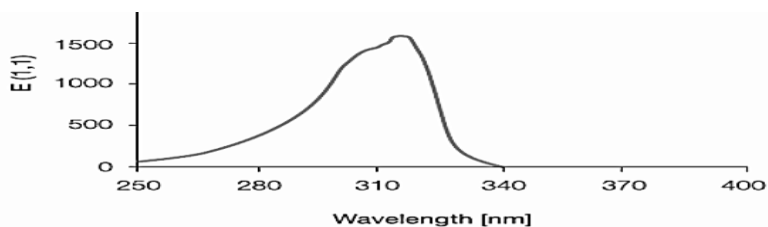
Molecular Structure :

Description	Parameter
Appearance	White to off white powder
Odour	Mild Characteristic
Assay By HPLC w/w	Min. 98%
Color Gardner (100gm/l in Acetone)	Max. 2
Specific Absorbance (1%,1cm,@314 nm)	Min 1500
Melting Point	128-132°C

TECHNICAL DATA:-

Specific Technical Data:-

UV spectrum



Use Concentrations: -

Approval Status	EU	China	Australia	Taiwan	Korea	INDIA	Mexico	ASEAN	USA	Japan
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Max. Amounts (W/W)	5%	5%	5%	5%	5%	5%	5%	5%	-----	5%
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Storage Condition: Store In original sealed containers and in dry conditions at room temperature.
Keep away from direct sunlight.

Expiry Date: 36 months from the date of manufacturing.

Packaging: 25 Kg in box or as per customer request.