

AakoSun BTZ

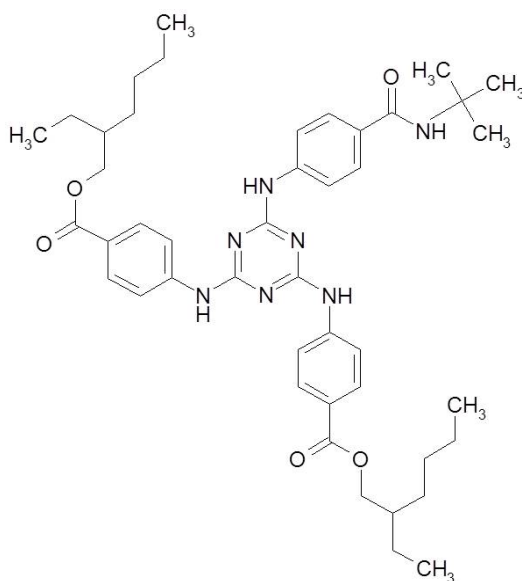
Diethylhexyl Butamido Triazone

Description

AakoSun BTZ is a UV B absorber. Very small concentrations are required to achieve a high SPF value. AakoSun BTZ is very soluble in cosmetic emollients and can readily be incorporated in the oily phase of emulsions. Because of its hydrophobic nature it is particularly suitable for water-repellent and water-resistant formulations. AakoSun BTZ can be used in combination with other organic and inorganic UV filters.

See our guide formulations for inspiration.

▪ Chemical name	Benzoic acid, 4,4'-[[[6-[[[4-[[1,1-dimethylethyl)amino]carbonyl]phenyl]amino-1,3,5-triazine-2,4-diyl]diimino]bis-, bis(2-ethylhexyl) ester
▪ INCI/USAN name	Diethylhexyl Butamido Triazone / Iscotrizinol
▪ CAS number	154702-15-5
▪ Formula	C ₄₄ H ₅₉ N ₇ O ₅ MW 765,98 g/mol
▪ UV B absorber	Oil soluble powder



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Typical properties

Appearance	White to faint beige powder
Purity (HPLC)	≥ 97 %
Melting Point	90 - 103 °C
Specific Extinction (E _{311 nm} 1%, 1 cm)	≥ 1470
Water content (KF)	≤ 0.5 %

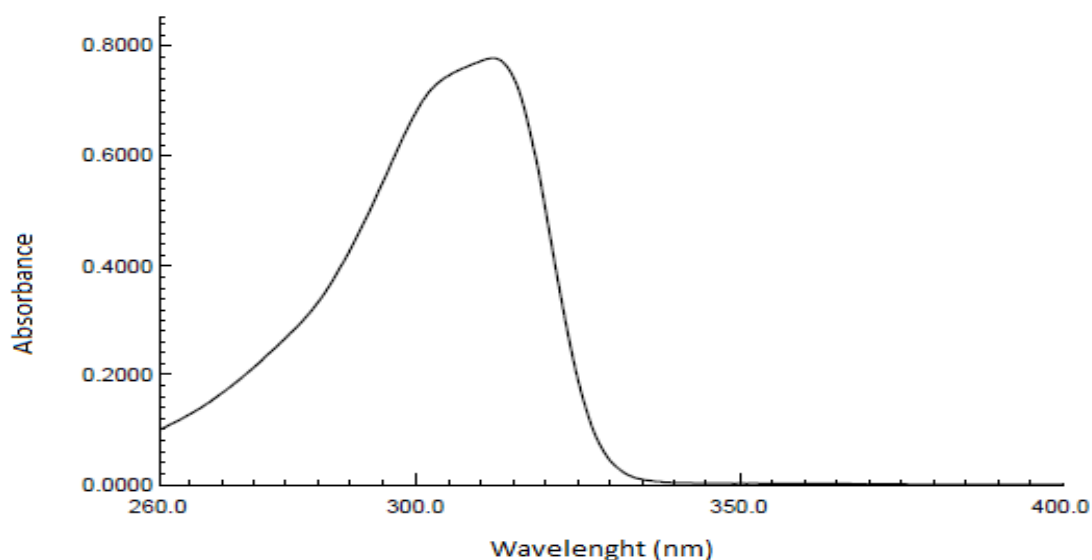
Regulatory Status:

EU Max. 10%

Regulation (EC) No 1223/2009 Annex VI entry 17

Storage:

Keep product dry and protect containers from damage. Reseal containers tightly after use. Minimum shelf life of 2 years under appropriate conditions of storage.



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