

AakoSun BEMT

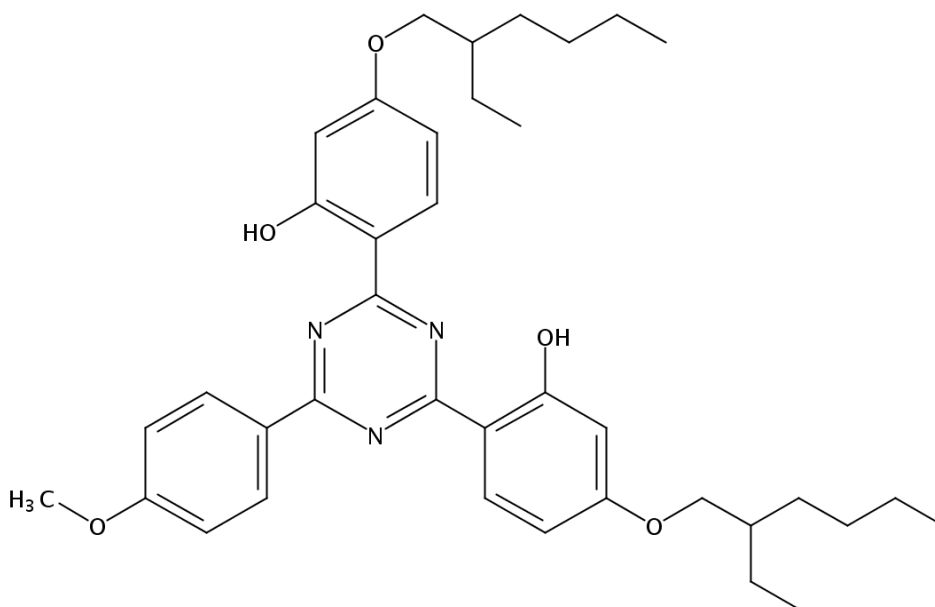
Bis-Ethylhexyloxyphenol Methoxyphenyl Triazine

Description

AakoSun BEMT is a broad spectrum UV A and UV B absorber. Very small concentrations are required to achieve a high SPF and UVAPF values. AakoSun BEMT 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 BEMT can be used in combination with other organic and inorganic UV filters.

See our guide formulations for inspiration.

▪ Chemical name	2,4-Bis[4-(2-ethylhexyloxy)-2-hydroxyphenyl]-6-(4-methoxyphenyl)-1,3,5-triazine
▪ INCI/USAN name	Bis-Ethylhexyloxyphenol Methoxyphenyl Triazine / Bemotrizinol
▪ CAS number	187393-00-6
▪ Formula	C ₃₈ H ₄₉ N ₃ O ₅ ; MW 627,8 g/mol
▪ UV A & B absorber	Oil soluble powder



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Typical properties

Appearance	Light yellow powder
Purity (HPLC)	≥ 98.0 %
Melting point:	80 - 84°C
Water content (KF)	≤ 0.5%
Specific Extinction (E ₃₄₀ nm 1%, 1cm in Ethanol)	≥ 819

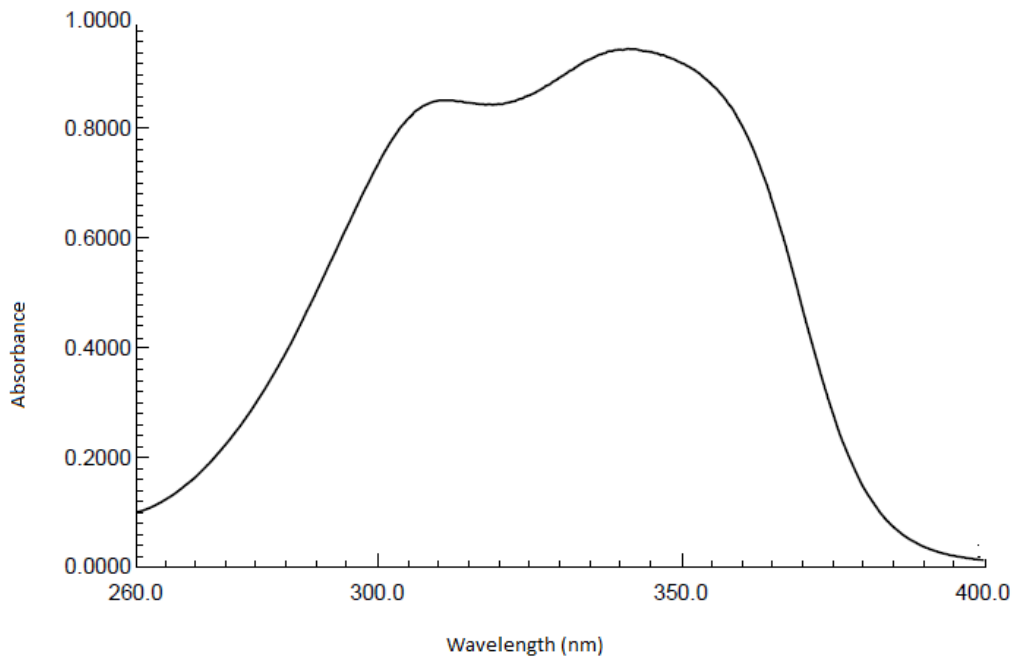
Regulatory Status:

EU Max. 10%

Regulation (EC) No 1223/2009 Annex VI entry 25

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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