

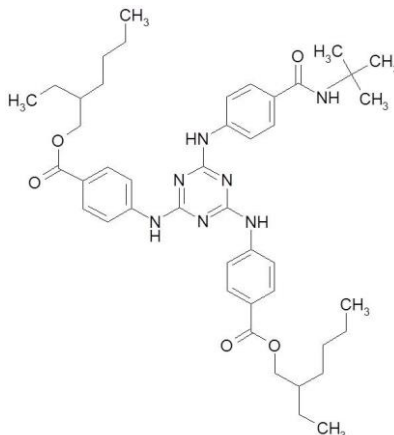


Technical Data Sheet

AakoSun BTZ (Diethylhexyl Butamido Triazone)

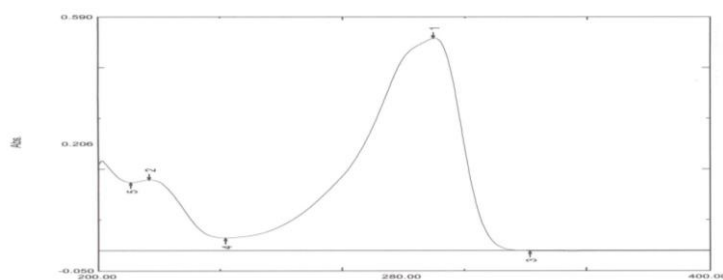
Product description:

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 absorber:	Oil Soluble
Structure:	



AakoSun BTZ is a broad spectrum UVB and UVA 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. To improve the dissolution rate, heat the oil phase up to 70-80°C and slowly add AakoSun BTZ under fast agitation. AakoSun BTZ can be used in combination with other Organic and Inorganic UV filters.

UV Characteristics:





Typical properties:

Appearance:	white powder
Assay:	≥ 97.0 %
Spec. Ext. at 311 nm:	1470 min
Melting point:	92 to 102°C
Water content (KF):	≤ 0.5%
Heavy metals (As, Pb):	≤ 20 ppm
Iron:	≤ 10 ppm

Regulatory Status:

EU:	Max. 10%
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Packaging:

25kg drums

Storage:

Keep product dry and protect containers from damage. Reseal containers tightly after use.

Note The data submitted in this publication are based on the current knowledge and experience. They do not constitute a guarantee in the legal sense of the term and, in view of the manifold factors that may affect processing and application, do not relieve processors from the responsibility of carrying out their own tests and experiments. Any relevant patent rights and existing legislation and regulations must be observed.