

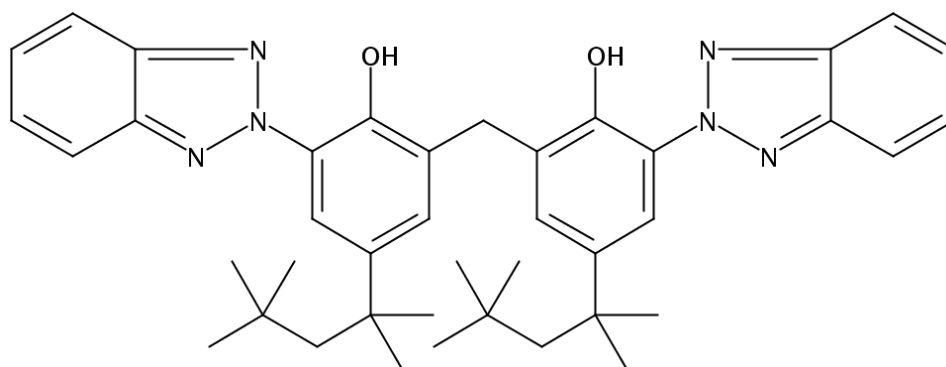
AakoSun MBBT MB

Methylene Bis-Benzotriazolyl Tetramethylbutylphenol

Description

AakoSun MBBT MB is a highly efficient particulate organic broad-spectrum UV A and UV B absorber, scatterer and reflector. AakoSun MBBT MB is a stable dispersion in water and can be easily incorporated in the water phase of emulsions. Very small amounts are required to achieve a high SPF and UVAPF values. AakoSun MBBT MB can be used in combination with other organic and inorganic UV filters and will boost the efficacy of the total formulation. This version is made with RSPO MB (Mass Balance) raw materials.

▪ Chemical name	Phenol, 2,2'-methylenebis[6-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)-]
▪ INCI/USAN name	Methylene Bis-Benzotriazolyl Tetramethylbutylphenol, Aqua, Decyl Glucoside, Propylene Glycol, Xanthan Gum / Bisoctrizole
▪ CAS number	103597-45-1 (and) 7732-18-5 (and) 54549-25-6 (and) 57-55-6 (and) 11138-66-2
▪ Formula	C ₄₁ H ₅₀ N ₆ O ₂ MW 658.87 g/mol
▪ UV A & B absorber	Aqueous dispersion



AakoSun MBBT MB

Typical properties

Appearance	White viscous dispersion
Odour	trace characteristic
Density	1.09 – 1.12 g/mL
Absorbance (40 mg/L, 346nm, 10 mm)	0.936 – 1.014
Absorption 1% /1 cm	234 – 254
Active substance	48.0 – 52.0
Viscosity, IKA/Brookfield	
Spindel 03 at 2.0 rpm (Pas)	20 – 60
Dry content	55.5 – 59.5
pH	11.5-12.5

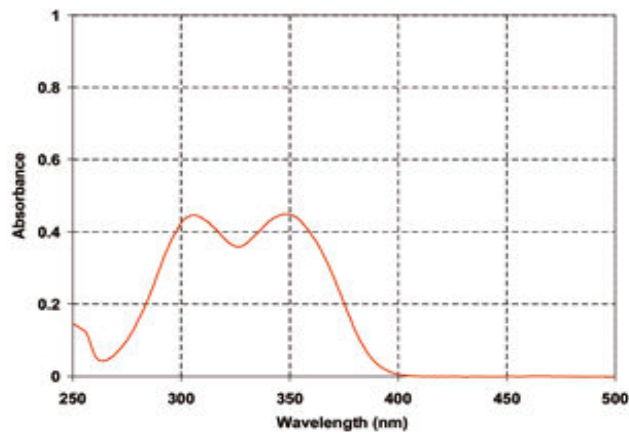
Regulatory Status:

EU 10 % Max. (20% as dispersion)

Regulation (EC) No 1223/2009 Annex VI entry 23 and 23a

Storage:

Must be stored in closed containers in dry cool conditions. Minimum shelf life of 2 years under appropriate conditions of storage.



AAKO.

Disclaimer: 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.