

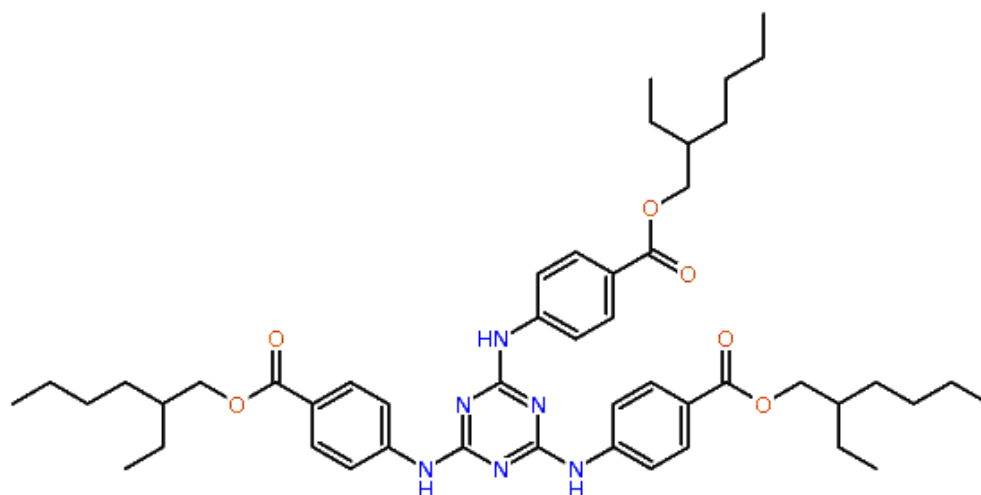
AakoSun OTZ

Ethylhexyl Triazone

Description

AakoSun OTZ is an organic UV-filter to absorb UVA II and UVB radiation. It is an outstanding UV filter with high absorptivity at 314 nm. Hence, only little concentrations are required in cosmetic sun care preparations, to achieve a high Sun Protection Factor (SPF) value. It has excellent photo stability and compatibility with other UV absorber and can be used in water resistant formulations.

▪ Chemical name	2,4,6-Trianiino-p-(carbo-2'-ethylhexyl-1'-oxy)-1, 3, 5-triazine
▪ INCI/USAN name	Ethylhexyl Triazone / Octyl Triazone
▪ CAS number	88122-99-0
▪ EC number	402-070-1
▪ Formula	C ₄₈ H ₆₆ N ₆ O ₆ MW 823 g/mol
▪ UV B absorber	Oil soluble powder



AakoSun OTZ

Typical properties

Appearance	White to off white powder
Odour	Characteristic
Purity (HPLC)	≥ 99.0 %
Melting Point	128 - 132 °C
Specific Extinction (E _{314 nm} 1%, 1 cm)	≥ 1550
Water content (KF)	≤ 0.5 %

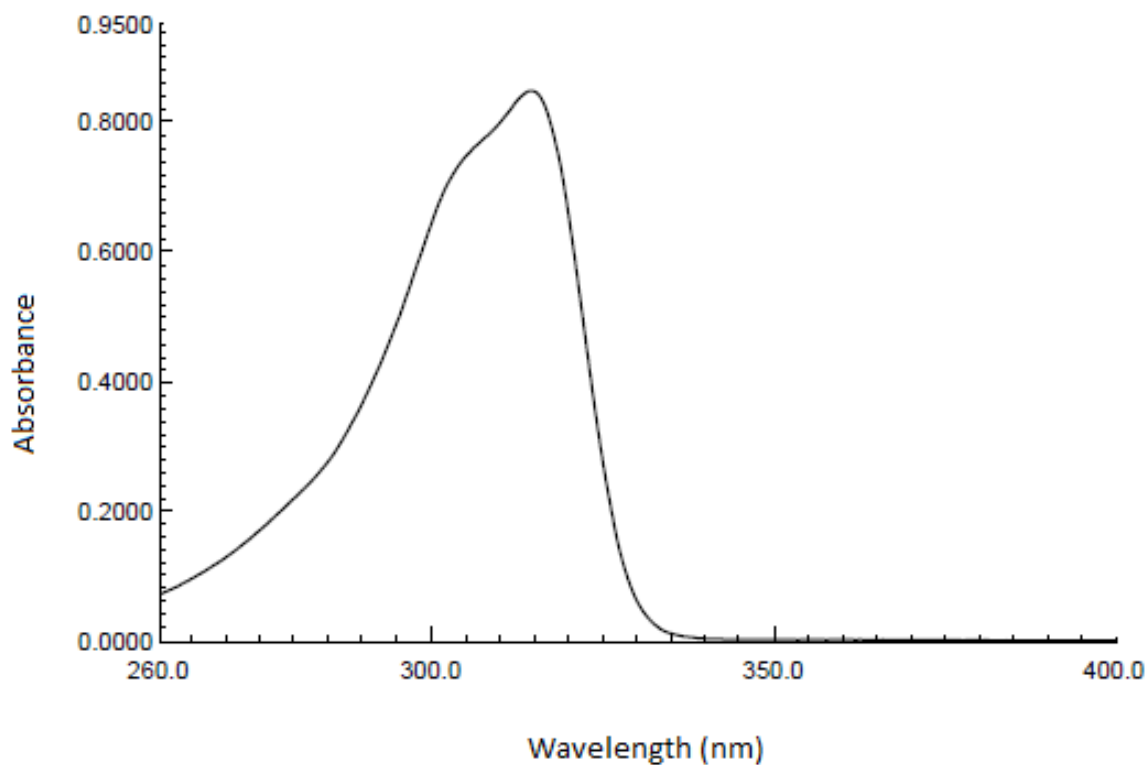
Regulatory Status:

EU Max. 5%

Regulation (EC) No 1223/2009 Annex VI entry 15

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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