

AakoSun DHHB

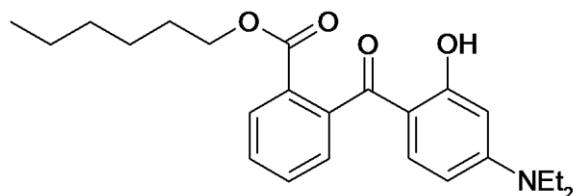
Diethylamino Hydroxybenzoyl Hexyl Benzoate

Description

AakoSun DHHB is an oil-soluble UV A and UV B filter that is approved in many countries worldwide for use in sun care formulations. Because of its hydrophobic nature and its solubility in oil, it is particularly suitable to use in water-repellent and water-resistant formulations.

AakoSun DHHB is photostable and be combined with other oil-soluble UV filters such as AakoSun OCR, AakoSun BEMT or AakoSun OTZ to provide broad spectrum UV A and UV B protection.

▪ Chemical name	Hexyl 2-[4-(Diethylamino)-2-hydroxybenzoyl]benzoate
▪ INCI name	Diethylamino Hydroxybenzoyl Hexyl Benzoate
▪ CAS number	302776-68-7
▪ Formula	C ₂₄ H ₃₁ NO ₄ MW 397,5 g/mol
▪ UV A & B absorber	Oil Soluble powder



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Typical properties

Appearance:	Off-white or pale yellow or salmon colored powder
Specific Extinction (E354 nm 1%, 1cm in Ethanol)	≥ 910
Assay:	98 – 105%
Loss on drying:	0.5% max
Melting Point:	≥ 54°C

Regulatory Status:

EU 10% Max.
Regulation (EC) No 1223/2009 Annex VI entry 28

Storage:

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