



TECHNICAL DATA SHEET

Product Name: Ethylhexyl triazone

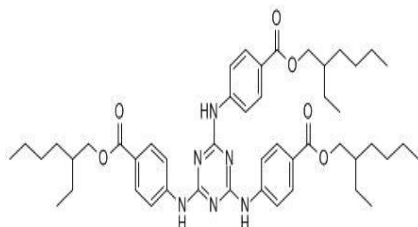
Alisa: UVT-150;ETHYLHEXYL TRIAZONE;UVINUL150;OCTYLTRIAZONE
Benzoic acid, 4,4,4-(1,3,5-triazine-2,4,6-triyltriimino)tris-, tris(2-ethylhexyl) ester ;
Tris(2-ethylhexyl) 4,4',4''-(1,3,5-triazine-2,4,6-triyltriimino)tribenzoate

CAS No:88122-99-0

MF: C48H66N6O6

MW: 823.07

Structure:



Property: UVT-150 is a kind of high efficient oil soluble UVB absorber, the UVB absorption value can reach to 1500 at 314nm , so it can achieve a high SPF with a small amount addition. It's very stable , and the structure will not change under strong sunlight.

Specification:

Test Item	Test Specification
Appearance	White to off-white powder
Identification	IR and HPLC confirm to standard
Extinction value (10ppm solution at 314nm in Ethanol)	≥ 1500
Water	$\leq 0.5\%$
Melting Point	128-132°C
Heavy Metals	≤ 10 ppm
2-Ethylhexanol	$\leq 0.02\%$
Total Impurity	$\leq 1.0\%$
Assay	98.0% ~ 103.0%

Feature and Application:

1.UVT 150 is an effective UV Absorber for UVB (275-320nm) with an absorptivity of >1500 at 314 nm. In sun-care products, thanks to its high specific extinction, it is used in combination with other



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UV-filters to achieve a high SPF value. Concentrations up to 5% are recommended

2.UVT 150 can be dissolved mainly in polar oils heating the oil phase up to 70-80°C and adding this products under fast agitation.

3.UVT 150 is very stable towards light, even when exposed to intense irradiation.

4.UVT 150 has good affinity to the Keratin in the skin, with the nature, UVT 150 is particular for formulations of water-resistant Sun cream.

Packing: Net weight 25kg/ drum

Storage: Keep container tightly closed and dry , and storage in cool place

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