

COCREATE GLOBAL TECHNOLOGIES PRIVATE LIMITED

CIN: U21009KA2023PTC179006

Registered address: FFK Towers, #445, 2nd & 3rd Floor, 17th Cross Road,
Sector 4, HSR Layout, Bangalore, Bangalore South, Karnataka - 560102, India.

Email: info@scimplify.com

Website: www.scimplify.com



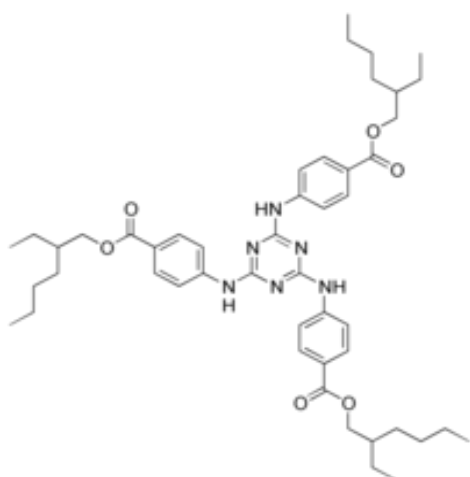
TECHNICAL DATA SHEET ETHYLHEXYL TRIAZONE

Product Name: Ethylhexyl triazone

Product Code: RNA

Properties

Structure:



Chemical Name: 4-[[4,6-bis[[4-(2-ethylhexoxy-oxomethyl)phenyl]amino]-1,3,5-triazin-2-yl]amino]benzoic acid 2-ethylhexyl ester

INCI Name: Ethylhexyl triazone

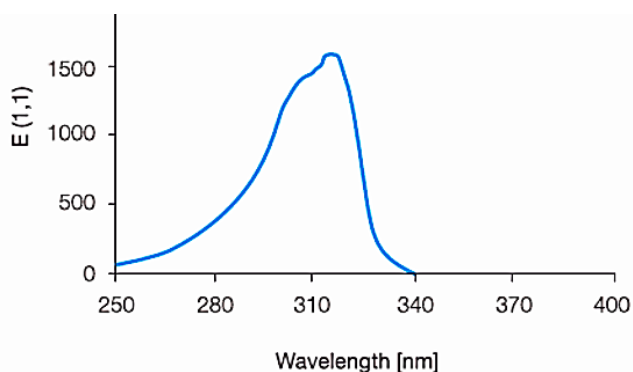
CAS No.: 88122-99-0

EINECS No.: 402-070-1

Chemical Formula: C₄₈H₆₆N₆O₆

Molecular Weight: 823.07

UV Characteristics



Product Specifications:

COCREATE GLOBAL TECHNOLOGIES PRIVATE LIMITED

CIN: U21009KA2023PTC179006

Registered address: FFK Towers, #445, 2nd & 3rd Floor, 17th Cross Road, Sector 4, HSR Layout, Bangalore, Bangalore South, Karnataka - 560102, India.

Email: info@scimplify.com

Website: www.scimplify.com



Test Parameter	Specifications
Description	White to Pale yellow color powder
Identification by HPLC	The retention time of the principle peak of the test sample should match with standard.
Solubility	
5.0% w/v solution in Acetone	Clearly soluble, without particle.
0.5%w/v solution in ethanol.	Soluble.
Freely soluble in Acetone	Should be complies.
Melting Range	Between 123°C to 132°C
Water content by KF	Not more than 0.50%w/w
Purity by HPLC	Not less than 99.5%
Assay by titration	Between 98.0 % to 103.0%
Specific extinction E(1%,1cm) at 314±5nm	≥1500
Residual Solvents by GCHS)	
Toluene (ppm)	Report the value
Hexane (ppm)	Report the value
Isopropyl alcohol (ppm)	Report the value

Application

Ethylhexyl Triazone is being used in a wide range of cosmetic products to provide an appropriate Sun Protection Factor (SPF) in sunscreens or to protect cosmetics against UV radiation. Approved for the use in sun care preparations in many countries worldwide with a max. concentration of 5%.

Packaging

25 kgs / drum

Storage

Store in a tightly closed container. The re-test period of Ethylhexyl Triazone is one year.

HS Code

29336990