

Ethylhexyl Triazone

Oil-soluble high-extinction UVB filter for selected sun-care and daily-care formulations.

CAS No. 88122-99-0	EC / List No. 402-070-1	Transport Non-dangerous goods
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Product Information

Oil-soluble high-extinction UVB filter for selected sun-care and daily-care formulations.

Specifications

Parameter	Specification
Appearance	White to light-yellow powder
Assay	98.0–103.0 %
Purity by HPLC	≥99.0 %
Water	≤0.5 %
Specific extinction, 314 nm	≥1500
Gardner colour, 100 g/L acetone	≤2.0
Individual impurity	≤0.5 %
Total impurities	≤1.0 %
Residual solvents	Conforms

Grade-specific supply limits. The agreed specification and batch COA govern delivery.

Typical Properties

Property	Typical Value
Molecular formula	C ₄₈ H ₆₆ N ₆ O ₆
Formula weight	823.09 g/mol

Applications

Sunscreen emulsions: Oil-soluble UVB-filter ingredient.

Anhydrous and water-resistant sun care: Filter for selected oils and sticks.

Daily skin-care formulations: UVB-filter ingredient where permitted.

Packaging / Storage

Item	Information
Packing	25 kg drums
Storage	Store drums tightly closed in a cool, dry place protected from light. Avoid overheating, dust generation and reactive contamination.
Handling	Use ventilation, suitable gloves and eye protection. Follow the matched SDS.

Company Contact

Supplier	Hainan Zhongxin Chemical Co., Ltd. (ZXCHEM)
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