

安鋒實業股份有限公司

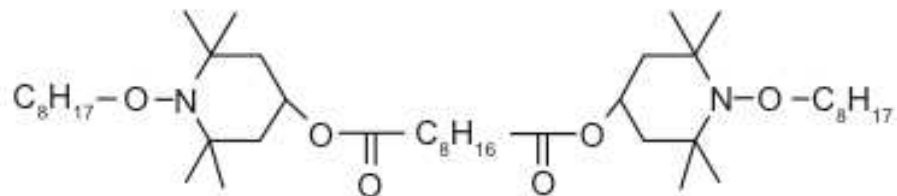
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UV Stabilizer UV-101

Physical Data :

Appearance	: Light yellow liquid
Assay	: 96% min
Volatiles	: 1% max
Clarity of solution	: Clear
Transmittance	: 95% min. @ 425nm : 96% min. @ 450nm : 97% min. @ 500nm
Boiling point(Start of decomposition)	: 230°C
Specific gravity(20°C)	: 0.97 g/cm ³
Vapor pressure(25°C)	: 0.00036 Pa
Flash point(closed up)	: 95°C
CAS No.	: 129757-67-1
Molecular formula	: C ₄₄ H ₈₄ N ₂ O ₆
Molecular weight	: 737 (average)
Chemical name	: Decanedioic acid, bis(2,2,6,6-tetramethyl-1-(octyloxy)-4-piperidinyloxy) ester

Structure :



Solubility : (g in 100ml solvent @ 20°C)

Butanol	: >50	MEK	: >50
Butyl acetate	: >50	Water(20°C)	: < 6 ppm
Ethyl glycol	: >50		

GENERAL :

UV-101 is a liquid hinder amine type light stabilizer based on alkoxyamine technology, featuring low basicity and high efficiency.

This acid resistant HALS is very efficient because it can directly enter the HALS stabilization cycle, providing excellent UV/thermal/chemical resistance, light transmission and durability.

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Furthermore, low basicity makes UV-101 suitable in acid catalyzed systems and in coatings using acidic pigments.

Application :

UV-101 is effective in thermosetting systems such as traditional acid catalyzed automotive coatings, refinish paints, etc. because of its low basicity.

UV-101 is also widely used to improve weathering performance of various polymers and applications, especially under critical conditions when in contact with aggressive media including acids, flame retardants, sulfur, and catalyst residues. Its liquid form provides easy handling and incorporation as well as dosing accuracy.

Packaging :

25 kg net/Plastic drum

注意：此為一指導性資料，並不具有約束力，我們建議使用者能在使用之前做有必要的測試，不要把它當做一種直接的替代品，如此才能確保產品適合於指定的應用。

大陸手機：1350-9624401(技術)，1382-5211745(業務)

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