

PRODUCT DATA

Olesun™ M

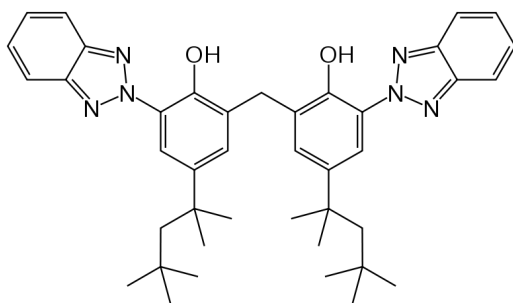
Trade Name: Olesun™ M

INCI Name: Methylene Bis-Benzotriazolyl Tetramethylbutylphenol (and) Water (and) Decyl Glucoside
(and) Propylene Glycol (and) Xanthan Gum

CAS No.: 103597-45-1 (and) 7732-18-5 (and) 110615-47-9 (and) 57-55-6 (and) 11138-66-2

EC No.: 403-800-1 (and) 231-791-2 (and) 600-975-8 (and) 200-338-0 (and) 234-394-2

Chemical Structure:



Typical Properties:

| Items | Specification |
|-------------------------------|--------------------------|
| Appearance | White viscous suspension |
| Odor | Characteristic |
| pH | 10.5-12.0 |
| Active contents, % | 48.0-52.0 |
| Viscosity, mPa.s, 25°C/100rpm | 200-1000 |

Introduction:

Olesun™ M is a high efficient organic broad-spectrum UVA/UVB absorber in ultra-fine form. Due to its triple action — UV absorption, light scattering and light reflection by its ultra-fine structure — it comprehensively covers UVA band. Furthermore, Olesun™ M has good light stability and water dispersibility.

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And its synergies with other filters makes it suitable for products with high PA value.

UV properties

- λ max: 307 and 363.2 nm (water)
- E (1%, 1cm): 491.6 (water, 363.2nm)
- λ c (critical wavelength): 388nm
- UV-A / UV-B ratio: 1,0 : 1,0

Benefits:

- Large UVA/UVB absorption range
- Water dispersion, easy to use and could increase the flexibility of the oil phase ingredients
- Strong light stability
- Good compatibility with other oil-soluble sunscreen ingredients
- Maintain high SPF value of other UVB absorbers
- Approximate density with water, easy to suspend
- Will not affect the color of makeup

Applications: Personal sun care products.

Maximum permissible amount: 20% (10%, active) (Europe, Japan, Asia; USA Pending)

Storage: Sealed and store in a cool, dark place.

Package: 22 kg/ drum

Shelf Life: 24 months from date of manufacture (Tentative).