

Avobenzone

INCI Name: Butyl Methoxydibenzoylmethane

CAS Numbers: 70356-09-1



Description:

Avobenzone is a white to pale yellow, slightly aromatic powder. It is oil-soluble and used in sunscreen products to absorb the full spectrum of UVA rays. Its ability to absorb ultraviolet light over a wider range of wavelengths than many organic sunscreen agents has led to its use in many commercial preparations marketed as "broad spectrum" sunscreens.

Technical Data:

SPECIFICATIONS

■ Appearance	An off-white to pale yellow powder
■ Odor	Weakly aromatic
■ Purity (HPLC)	98% min.
■ Melting point	81~86°C
■ UV absorbance, 1cm Absorbance max. @357nm (Solvent: Absolute Ethanol)	1,100~1,180

Storage Condition

In full, tightly closed containers and kept in a dry, cool place at a temperature below 25°C; protected from light.

Applications:

Avobenzone is the most widely used sunscreen in the world. It is used in sun protection products, hair care, skin care, and cosmetics.



McKinley Resources, Inc.

P.O. Box 810472 • Dallas, TX 75381

Phone: 972-620-9730 • Fax: 972-421-1860

www.mckinleyresources.com • info@mckinleyresources.com