

AvoBrite™

INCI Name: Acrylates Copolymer

Product Code: AV10

CAS #: 1897432-34-6

Patents: US20160256371 A1

Brand: AvoBrite™

AvoBrite™ is a faster excited state quencher than Octocrylene while also providing for multi-benefit claims in sun protection formulations, like film forming properties. As a polymer, it may enhance the water resistance of products in which it is incorporated. Its typical use level is 5 – 6%.

AvoBrite™ has been clinically proven to protect Avobenzone from degrading upon sun exposure and releasing damaging free radicals. With AvoBrite™, sun care products can safely maximize the strong UV absorption powers of Avobenzone and enter lucrative new markets.

AvoBrite™: the cost effective, China-compliant solution for stabilizing Butyl Methoxydibenzoylmethane (Avobenzone), for safer high SPF (50+) protection with smooth texture and cost-effective PA++++ performance.

Features & Benefits:

- Sunscreen Active Photostabilizer
- Film Former
- Water Resistance Enhancement

Appearance	Clear to slightly opalescent yellow liquid
Color (Gardner)	7
Odor	Slight
Viscosity (cP)	2000
Relative Density	0.982
pH (aqueous dispersion)	6.5
Flash Point (°C)	>80
Insoluble In	Water

Soluble In	Cosmetic Esters
Toxicology Profile	Ocular Irritation Potential (HET-CAM): No ocular irritation potential (tested at 100%) Ames Test: No detectable genotoxic activity, in presence or absence of S9 enzyme activation
Packaging	Drum - 200kgs 5 gallon pail - 20kgs

Regional Approvals:

- China
 - Korea
 - MERCOSUR
 - US
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Applications:

- After Sun Skin Care
 - Beach Wear Sun Care
 - Daily Wear Sun Care
 - Facial Color Cosmetics
 - Facial Skin Care
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