

iSUN 1789

INCI Name (US):	4-t-butyl-4'-methoxy-dibenzoylmethane (Avobenzone)	
INCI Name (EU):	4-t-butyl-4'-methoxy-dibenzoylmethane (Avobenzone)	
CAS #:	70356-09-1	
General Information/ Characteristics:	iSun 1789 is used as UV-A absorber in Sunscreen Lotion and other Cosmetics formulations.	
Benefits / Application:	Useful as absorber that helps provide Protection against UV-A rays from sun. It is used in Sunscreen. Lotion formulations. Sun care, Baby sun care, Daily skin care. The application of iSun 1789 with other UV-B filters has synergistic effect on the SPF value.	
Formulations Advices:	Recommended usage according to local regulations: <ul style="list-style-type: none"> ◆ US: Up to 2-3% ◆ Europe: Up to 5% ◆ Japan: Up to 10% ◆ China: Up to 5% ◆ Canada: Up to 5% 	
Regulatory Status:	No specific regulation	
Physic-Chemical Properties:	Aspect	Powder
	Color	White to Pale Yellow
	Melting Point	81-86°C
	UV Specific Extinction E ₁ cm ¹ % (in Methanol)	Max. 1100 at 355±2 nm
Additives:	Preservatives:	No applicable
Shelf Life / Storage Conditions	24 months if stored away from incompatible substances. Incompatibility: Oxidizers (Strong): Fire and explosion hazard, protect from light.	
Packaging:	25kg in corrugated box with double LDPE liner inside or as per customer requirement.	

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