



American International Chemical, Inc.

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SPECIFICATION SHEET

AVOBENZONE USP

(Butyl Methoxydibenzoylmethane)

Code No.	SCN No.	CAS No.	Effective Date	Product Manager	Rev. No.	Approved By
AVOCIP	1710	70356-09-1	May 30, 2007	HHK	Original	TJK

CHARACTERISTICS:	Light tan crystalline powder with characteristic odor and taste.
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SPECIFICATIONS:	Assay (by GC)	95-105 %
	Identification	
	A (infrared absorption)	To Pass test
	B (ultraviolet absorption)	To Pass test
	Melting range	81.0- 86.0°C
	Loss on drying (70°C for 4 hrs.)	0.5% max
	Chromatographic purity	
	Individual impurity	3.0% max
Total impurities	4.5% max	

STOCKING POINTS:	Carson, CA
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PACKAGING:	25 kg in a double polyethylene bag inside a fiber drum; 9 drums per pallet.
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APPLICATIONS:	Sunscreen preparations - UVA absorber used in combination with UVB & other absorbers like Benzophenone 3 & OMC for broad-spectrum protection. Often referred to by Roche trade name, Parsol 1789, Avobenzone USP provides superior protection through a large portion of the UV-A range, including UV-A I. Roche patent now expired. It has been widely used in Europe for the last decade. The FDA recently approved Avobenzone for use in the United States. Potentially a significant addition to sunscreen products for true broad-spectrum UV protection.
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OTHER:	Shelf life is 2 years from date of manufacture. Store in, tightly closed, containers, protected from the heat and light.
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