



135 Newbury Street, Framingham, MA 01701

(800) 238-0001 (508) 270-1800 FAX (508) 872-1566

Website: www.aicma.com Email: info@aicma.com

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	March 21, 2012	ATR	No. 2	MPR

CHARACTERISTICS:	Light tan crystalline odorless powder .
-------------------------	---

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
Residual solvents	Passes (Methanol)	

STOCKING POINTS:	Carson, CA
-------------------------	------------

PACKAGING:	25 kg in a double polyethylene bag inside a fiber drum; 9 drums per pallet.
-------------------	---

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.
----------------------	--

OTHER:	Shelf life is 2 years from date of manufacture. Store in, tightly closed, containers, protected from the heat and light. Effective June 2012 the new FDA regulations are in place defining labeling claims on sunscreen products for broad-spectrum, water resistant, skin cancer, etc. These new regulations should be consulted accordingly. Trade names: Parsol®1789 (DSM); Escalol®517 (ISP/Ashland); Neo Heliopan® 357 (Symrise)
---------------	--