



American International Chemical, Inc.

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SPECIFICATION SHEET

BENZOPHENONE 3 USP (2-HYDROXY-4-METHOXYBENZOPHENONE)

Code No.	SCN No.	CAS No.	Effective Date	Product Manager	Written By	Rev. No.	Approved
BP3MCP	3280	000131-57-7	October 26, 2005	HK	HK	No. 1	MPR

CHARACTERISTICS:	Fine white or pale yellow powder, free of foreign matter, with very faint characteristic odor.
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SPECIFICATIONS:	Assay	99.0% min
	Melting point	62.0-65.0° C
	Loss on drying	0.2% max
	Color	4 max (Gardner)
	Identification	
	Infrared absorption	To match reference standard
Ultraviolet absorption (at 287 nm)	To match within 3.0% of reference standard.	

PACKAGING:	25 kg (55 lb) fiber drum
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APPLICATIONS:	Broadband and UVA absorber for Sunscreens & Plastics. FDA Category 1 Sunscreen for use in skin protection products. Suggested for use in PVC, polystyrene, and thermosetting polyester, and has FDA status in Section 177.1010 for food contact when used as a stabilizer in acrylic plastics.
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OTHER:	INCI (International Nomenclature of Cosmetic Ingredients) designation for Benzophenone 3 USP-27 is Oxybenzone. Shelf life is 2 years from date of manufacture. Store in tightly closed containers, protected from light and heat.
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