



American International Chemical, Inc.

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SPECIFICATION SHEET

OCTYL METHOXYCINNAMATE

Code No.	SCN No.	CAS No.	Effective Date	Product Manager	Written By	Rev. No.	Approved By
OMCCIL	None	5466-77-3	August 9, 2005	HHK	HHK	Original	TJK

CHARACTERISTICS:	Colorless or light yellow liquid with characteristic odor and taste. This product meets USP specifications.
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SPECIFICATIONS:	Assay (by GC)	95-105 %
	Identification	
	A) Infrared absorption	To pass test
	B) Ultraviolet absorption	To pass test
	Specific gravity	1.005-1.013
	Refractive index	1.542-1.548
	Acidity (0.1 N NaOH)	0.8 ml max.
	Chromatographic purity	
	Individual impurity	0.5% max.
Total impurities	2.0% max.	

PACKAGING:	200 kg HDPE drums
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APPLICATIONS:	Suntan preparations: largely replaced PABA as UVB absorber, with additional absorption in short wave UVA range. Absorbs the major part of the ultra-violet radiation between 290-320 nm (UVB region).
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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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