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Specification Sheet

BENZOPHENONE 4 (2-HYDROXY-4-METHOXYBENZOPHENONE-5-SULFONIC ACID)

Code No.	SCN No.	CAS No.	Effective Date	Product Manager	Rev. No.	Approved
BP4MCP	3280	4065-45-6	February 21, 2012	ATR	No. 2	CDS

CHARACTERISTICS:	White or light yellow crystalline powder
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SPECIFICATIONS:	Assay	99.0% min
	Identification	
	UV Absorbance @ 285 nm	460 min
	UV Absorbance @ 325 nm	290 min
	K value @ 285nm	46-50
	Melting point	140° C min
	Loss on drying	3% max
	Color – Gardner (10% aqueous solution)	2 max
	Turbidity (10% aqueous solution)	4 max
	pH (10% aqueous solution)	1.4-2.0
	Heavy metals	5 ppm max
	Residual solvents	
	Ethanol	To pass test

PACKAGING:	25 kg fiber drums
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APPLICATIONS:	Water-soluble UV absorber used to minimize the discoloration of personal care and household products in clear bottles.
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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. 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.
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