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Specification Sheet

OCTYL SALICYLATE (OCTISALATE USP)

Code No.	SCN No.	CAS No.	Effective Date	Product Manager	Rev. No.	Approved By
OCTSUL	2973	118-60-5	January 4, 2012	HHK	Original	MPR

CHARACTERISTICS:	Clear colorless or light yellow liquid with characteristic odor and taste. This product meets USP specifications.
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SPECIFICATIONS:	Assay by GC (2-Ethylhexyl salicylate)	95.0-105.0 %
	Identification	
	A. Infrared absorption	To pass test
	B. Ultraviolet absorption	To pass test
	Specific gravity	1.011-1.016
	Refractive index	1.500-1.503 @ 20°C
	Acid reacting substances (0.1 N NaOH)	0.2 ml max
	Acid value (mg KOH/g)	1.00 mg max
	Halogens (Beilstein Test)	Not detected
	Residual solvents	To pass test
	Chromatographic purity	
	Unlabelled impurities	Less than 0.5%
	Total impurities	Less than 2.0%

PACKAGING:	200 kg steel drums; 4 drums per pallet
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APPLICATIONS:	Suntan preparations: Oil soluble UVB absorber. Absorbs the major part of the ultra-violet radiation between 165 - 185 nm (UVB region). Can be used in concentrations up to 5.0%.
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OTHER:	Shelf life is 2 years from date of manufacture. Store in, cool 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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