

## Solvay IGEPAL<sup>®</sup> CA 897 Surfactant

Category : Fluid , Other Engineering Material , Additive/Filler for Polymer

### Material Notes:

Chemical Name: ETHOXYLATED OCTYLPHENOL, BRANCHED (40) CAS: 9002-93-1; 7732-18-5 Available in: Asia Pacific, Europe, Latin America and North America Applications: IGEPAL<sup>®</sup> CA-897 is an excellent primary nonionic surfactant, recommended especially for the emulsion polymerization of acrylic, vinyl acrylic, styrene butadiene and styrene acrylic polymers. Such polymers find application in latex paints, adhesives, paper coatings and textile applications. IGEPAL<sup>®</sup> CA-897 is one of a series of Rhodia ethoxylated alkylphenol nonionic surfactants with different HLBs. Since differences in HLB affect emulsification and stabilization properties, the IGEPAL series allows the user to select the surfactant that will provide effective particle size control, low levels of coagulum, latex stability and trouble-free commercial production. Information provided by Rhodia, Rhodia has been acquired by Solvay.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Solvay-IGEPAL-CA-897-Surfactant.php](http://www.lookpolymers.com/polymer_Solvay-IGEPAL-CA-897-Surfactant.php)

Physical Properties	Metric	English	Comments
Density	1.10 g/cc	0.0397 lb/in <sup>3</sup>	
Solids Content	70 - 73 %	70 - 73 %	CEM, 60% Power; RP-0528
pH	6.0 - 8.0	6.0 - 8.0	10% Solution
Surface Tension	44 dynes/cm	44 dynes/cm	at CMC

Processing Properties	Metric	English	Comments
Shelf Life	24.0 Month	24.0 Month	

Descriptive Properties	Value	Comments
Appearance	Clear Liquid	RP-0064
Color	<100	APHA, RP-0134
Composition	PEG Content	<3.5%
Critical Micelle Concentration	0.0004	
HLB number	18	
Hydroxyl Number	28-32 mg KOH/g	RP-0245
Ionic Charge	Nonionic	
Moles of Ethylene Oxide	40	
Neutralization Number	<0.5 mg KOH/g	pH7, RP-0343

## **Contact Songhan Plastic Technology Co.,Ltd.**

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