

Solvay RHODICARE CFT Surfactant

Category : Fluid

Material Notes:

Description: Rhodicare® CFT is Cellulase-free clear grade of Xanthan Gum, it is recommended when associated with cellulose-based polymers. Approved for Ecocert. It is excellent anionic bio-polymer viscosity modifier and stabilizer and in conjunction with nonionic guar exhibits excellent suspending properties. C.T.F.A. /I.N.C.I. Name: XANTHAN GUMCAS: 11138 - 66 " 2EINECS: 234 - 394Recommended use level : 0.2 - 1%.Soluble in waterCompatible with Non-ionic, anionic and amphoteric surfactants.Available in: Asia Pacific, Europe, Latin America and North AmericaApplications: Sodium salt of an anionic high molecular weight hetero-polysaccharide produced by pure culture fermentation of Xanthomonas campestris, purified by recovery with isopropanol, dried and milled. Thickening and stabilizing hydrocolloid giving aqueous solutions of high viscosity and high yield value even at low concentrations, not affected by temperature. Pseudo-plastic non thixotropic behaviour. Effective suspending and stabilizing agent for multi-phasic systems : aqueous suspensions, emulsions and foams, easily sprayable, flowable, pumpable (creams and lotions, toothpastes) Thickening agent for creams, suspensions, shampoos, gels ; synergistic effect with galactomannanes, glucomannanes. Anti-syneresis agent, reduces gel exudation. Finished products using RHODICARE CFT keep original clarity. Compatible with cellulose derivatives in toothpaste formulations.Information provided by Rhodia, Rhodia has been acquired by Solvay.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Solvay-RHODICARE-CFT-Surfactant.php

Physical Properties	Metric	English	Comments
Bulk Density	0.700 - 0.800 g/cc	0.0253 - 0.0289 lb/in ³	
Particle Size	180 µm	180 µm	95% min, 80 mesh; TI-2087
pH	6.0 - 8.0	6.0 - 8.0	1% aqueous sol.; TI-2078
Brookfield Viscosity	1400 - 1700 cP	1400 - 1700 cP	1% KCl, LVT, 60 rpm, spindle 3; TI-1110

Optical Properties	Metric	English	Comments
Transmission, Visible	>= 80 % @Wavelength 650 nm	>= 80 % @Wavelength 650 nm	aqueous sol. 0.5%, cell 1 cm; TI-2081

Processing Properties	Metric	English	Comments
Shelf Life	24.0 Month	24.0 Month	

Descriptive Properties	Value	Comments
Appearance	Fine powder	
Color	Creamy white	
Composition	2-Propanol	<500 ppm, TI-2105

Descriptive Properties	Value	Comments
	Ash	6.5-16%, TI-0130-2
	Enterobacteria & other Gram Neg.	Absence in 1g, TI-2101
	Esherichia coli	Absence in 5g, TI-2074
	Heavy metal as Pb	<5 ppm, TI-2109
	Lead as Pb	<1 ppm, USP
	Pseudomonas aeruginosa	Absence in 1g, TI-2073
	Salmonella species	Absence in 25g, TI-2074
	Staphylococcus aureus	Absence in 1g, TI-2073
	Total viable aerobic count	<500 cfu/g, TI-2070
	Yeasts and moulds	<100 cfu/g, TI-2071
Loss on drying	7-13%	TI-0515

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