

Solvay RHODICARE XC Surfactant

Category : Fluid

Material Notes:

Description: Rhodicare® XC is similar to standard Xanthan Gum, this grade displays improved microbial specifications. It has high electrolyte stability over a wide range of pH and fast hydration rate. It exhibits Pseudo-plastic non-thixotropic behaviour, antisyneresis agent and reduces gel exudation. Approved for Ecocert.C.T.F.A. /I.N.C.I. Name: XANTHAN GUMCAS: 11138 - 66 " 2EINECS: 234 " 394-2Recommended use level: 0.2 - 1%. Soluble in waterCompatible with Non-ionic, anionic and amphoteric surfactants.Available in: Asia Pacific, Europe, Latin America and North America**Applications:** Sodium salt of an anionic high molecular weight hetero-polysaccharide produced by pure culture fermentation of *Xanthomonas campestris*, purified by recovery with iso-propanol, 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.Information provided by Rhodia, Rhodia has been acquired by Solvay.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Solvay-RHODICARE-XC-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
	250 µm	250 µm	99.5 min, 60 mesh; TI-2087
pH	6.0 - 8.0	6.0 - 8.0	1% aqueous sol.; TI-2076
Brookfield Viscosity	1200 - 1600 cP	1200 - 1600 cP	1% in 1% KCl; TI-1110

Descriptive Properties	Value	Comments
Appearance	Fine powder	
Assay	91-108%	TI-2091
Color	Creamy white	
Composition	2-Propanol	<750 ppm, TI-2105
	Arsenic as As	<2 ppm, USP
	Ash	6.5-16%, TI-0130
	Enterobacteria & other Gram Neg.	Absence in 1g, TI-2185
	Escherichia coli	Absence in 5g, TI-2074

Descriptive Properties	Heavy metal as Pb Value	<10 ppm, TI-2109 Comments
	Lead as Pb	<2 mg/kg, 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

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