

## Solvay RHODICARE D Surfactant

Category : Fluid

### Material Notes:

**Description:** Rhodicare® D is an anionic bio-polymer with excellent stabilizing, thickening and suspending properties. 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. **C.T.F.A. /I.N.C.I. Name:** XANTHAN GUMCAS: 11138 - 66 " 2EINECS: 234 " 394-2 **Recommended use level:** 0.2 - 1% **Soluble in water** **Compatible 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 isopropanol. 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-D-Surfactant.php](http://www.lookpolymers.com/polymer_Solvay-RHODICARE-D-Surfactant.php)

Physical Properties	Metric	English	Comments
Particle Size	75 µm	75 µm	5 max, 200 mesh; TI-2087
	850 µm	850 µm	90 min, 20 mesh; TI-2087
pH	6.0 - 8.0	6.0 - 8.0	1% aqueous sol.; TI-2076
Brookfield Viscosity	1200 - 1800 cP	1200 - 1800 cP	1% in 1% KCl, LVT, 60 rpm, spindle 3; TI-1110

Processing Properties	Metric	English	Comments
Shelf Life	24.0 Month	24.0 Month	

Descriptive Properties	Value	Comments
Appearance	Granules	
Color	Creamy	
Composition	2-Propanol	<750 ppm, TI-2105
	Arsenic as As	<3 mg/kg, USP
	Ash	6.5-16%, TI-0130
	Cadmium (Cd)	<1 mg/kg, USP
	Enterobacteria & other Gram Neg.	Absence in 1g, TI-2101

Descriptive Properties	Value	Comments
	Heavy metal as Pb	<10 mg/kg, USP
	Lead as Pb	<2 mg/kg, USP
	Mercury (Hg)	<1 mg/kg, USP
	Pseudomonas aeruginosa	Absence in 1g, TI-2073
	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	8-14%	TI-0515

## Contact Songhan Plastic Technology Co.,Ltd.

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