RHODASURF® BC-610

PRODUCT DATA SHEET N000380 – DECEMBER 2007

IDENTIFICATION

Nonionic Emulsifier

CAS NUMBER : 78330-21-9

SPECIFICATIONS

Moisture (Karl Fisher)	0.5 Max	RP-0327
Color Gardner	1 Max	RP-0138
Appearance @ 25°C	Cloudy, free flowing liquid	RP-0064
Neutralization Number (pH 7), MG KOH/G	0.5 Max	RP-0343
Cloud Point (2% in Solution A), °C	36.0 – 40.0	RP-0732

Product stratifies into a clear upper layer and a turbid lower layer on standing. Agitation recommended prior to use.

Solution A: 5 gms NaCl, 100 mL n-propanol dilution to 1 liter with distilled water.

TYPICAL PROPERTIES

Oven Solids, %	100
Viscosity, Centistokes @ 25°C	53 - 63
Specific Gravity @ 25°C	0.98
Density, lbs/gallon	8.6
pH, (10% solution)	6.0 - 8.0
Gelation Temperature, °C	4±2
HLB	11.4
Moles of EO	6
Ionic Charge	Nonionic
Physical Form	Liquid

STANDARD APPLICATIONS

RHODASURF BC-610 is an excellent primary nonionic surfactant, recommended especially for the emulsion polymerization of acrylic, vinyl-acrylic, and styrene-acrylic polymers. Such polymers find application in latex paints, adhesives, paper coatings and textile applications. Rhodasurf BC-610 is one of a series of Rhodia nonionic surfactants with different HLBs.
Since differences in HLB affect emulsification and stabilization properties, the Rhodasurf 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.

STANDARD PACKAGING

RHODASURF BC-610 is available in 425 lb Closed Head Steel Drums and 2200 lb Totes. Alternative package sizes may be available upon request.

SHELF LIFE

RHODASURF BC- 610 has a shelf life of 730 days.

WARNING

The information contained in this document is given in good faith and based on our current knowledge. It is only an indication and is in no way binding, notably as regards infringement of or prejudice to third parties through the use of our products.

RHODIA GUARANTEES THAT ITS PRODUCTS COMPLY WITH ITS SALES SPECIFICATIONS.

This information must on no account be used as a substitute for necessary prior tests which alone can ensure that a product is suitable for a given use.

Users are responsible for ensuring compliance with local legislation and for obtaining the necessary certifications and authorisations.

Users are requested to check that they are in possession of the latest version of the present document and RHODIA is at their disposal to supply any additional information.