RHODASURF® BC-720

PRODUCT DATA SHEET N000384 – JULY 2010

IDENTIFICATION

Chemical Name: TRIDECYL ALCOHOL, ETHOXYLATED

CAS Number: 78330-21-9

SPECIFICATIONS	RESULTS	METHOD
Moisture (Karl Fisher), %	0.50 Max	RP-0327
Appearance @ 25 Deg C	Cloudy, Free Flowing Liquid	RP-0064
Color APHA @ 50 Deg C	100 Max	RP-0134
Appearance @ 50 Deg C	Clear to Slightly Hazy Liquid	RP-0064
Cloud Point (1% Solution), Deg C	58.0 – 62.0	RP-0124
Neutralization No. (pH 7), MG KOH/G	0.50 Max	RP-0343

TYPICAL PROPERTIES

pH (10% Solution)	6.5 – 8.5
Pour Point Range (ASTM) @ Deg C	18 – 20
HLB	Approximately 13.8
Solubility	Soluble in Water; Dispersible in alcohol, mineral oil, and acetone; Soluble in toluene.

STANDARD APPLICATIONS

RHODASURF© BC-720 is useful as an intermediate in the manufacture of high foaming anionic surfactants, such as water-soluble sulfate esters. RHODASURF© BC-720 is an oil soluble detergent / dispersing agent for petroleum hydrocarbons. RHODASURF© BC-720 is one of a series of Rhodia tridecyl alcohol ethoxylates with different HLBs. The products in the RHODASURF© BC series are made with a range of hydrophobe to ethylene oxide ratios allowing users to select a product with specific solubility characteristics for their system.

STANDARD PACKAGING

RHODASURF© BC-720 is available in Bulk Quantities, 450 lb. Open Head Steel Drums, and 2200 lb. Totes. Alternative package sizes may be available upon request.

SHELF LIFE

RHODASURF© BC-720 has a shelf life of 730 days.

For orders or questions, call us at the following numbers or visit us at www.rhodia-novecare.com

North America	Europe – Middle East – Africa	Asia - Pacific	Latin America
1-888-776-7337	(33) 01 53 56 50 00	(65) 62 91 19 21	(55) 11 37 47 78 86

RECOMMENDATION & PERFORMANCE DATA

Tridecyl alcohol ethoxylates, such as RHODASURF© BC-720, may be used alone or in combination with other nonionic surfactants, anionic surfactants, or cationic surfactants depending on the application of interest. In general, tridecyl alcohol ethoxylates function as wetting agents, detergents, emulsifiers, and dispersants and can aid in stabilizing foams or to solubilize alkylarylsulfonates in formulations. As nonionic surfactants, RHODASURF© BC series products are not subject to hydrolysis in aqueous solutions of strong acids or alkalis.

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.

For orders or questions, call us at the following numbers or visit us at www.rhodia-novecare.com

North America	Europe – Middle East – Africa	Asia - Pacific	Latin America
1-888-776-7337	(33) 01 53 56 50 00	(65) 62 91 19 21	(55) 11 37 47 78 86