

Manual Dishwashing Liquid

Contains REACT-NTI products (highlighted in red)

Formulary

Ingredients	% Wt.
Texapon LS35 (Cognis) (sodium lauryl sulfate 35%)	7.00
Texapon K14 SPE (Cognis) (sodium myreth sulfate 28%)	7.00
EnviroSolve Silver or Gold (React-NTI)	1.00
Viscos-ABIT (React-NTI)	1.00
Plantaren 1200 (Cognis) (lauryl polyglucoside 50%)	4.00
Dehyton AB30 (Cognis) (lauryl dimethylaminoacetic betaine 30%)	1.10
Ethanol (Merck)	5.00
Rheovis ATC (Ciba Specialty Chemicals)	1.70
Potassium Hydroxide 50% (Merck)	q.s. to pH 8
Water	q.s. to 100
Procedure	
1.	At room temperature, add the alkyl sulfates to water while stirring (150 rpm).
2.	Add the alkyl-polycycloside, and then heat the mixture to 35°C until homogeneous.
3.	Add Dehyton AB30 and ethanol; maintain the mixture at 30°C until homogeneous.
4.	Slowly add Rheovis ATC to the formulation and adjust the pH of the formulation to 8 using the potassium hydroxide solution.



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Note: The statements made herein are based on our research and the research of others, and are believed to be accurate. No guarantee of their accuracy is made, however, and the products discussed are sold without warranty, expressed or implied, including warranty of merchantability and fitness for use of this material, and upon condition that purchasers shall make their own tests to determine the suitability of such products for the particular purposes. The user assumes all risk of use or handling, whether or not in accordance with any statements of the supplier. Supplier's liability, if any, for any action arising out of the material being supplied shall be limited to replacement of material. Statements concerning the possible use of these products are not intended as recommendations to use these products in infringement of any patent.