



Distributed in the Interest
of Product Development

VANDERBILT

Technical Data

Paint and Paper Department

DARVAN® 670L Anionic Dispersing Agent

DARVAN 670L is a liquid anionic dispersing agent for the preparation of aqueous dispersions of colored pigments, dyes, extender pigments, etc. that are used in the manufacture of water-borne paints and coatings. It is effective for viscosity reduction of high solids dispersions of red iron oxide and similar pigments. It functions as a pitch control agent for pulp and papermaking, and is useful in the recovery of tall oil from pulp mill black liquor. **DARVAN 670L** also acts as a secondary dispersant and emulsion stabilizer in emulsions of synthetic rubber products.

Typical Properties:

Chemical Classification	Sodium salt of poly-naphthalene sulfonic acid
Physical State	Clear dark brown liquid
% Active Solids	40%
Specific Gravity (25°C)	1.2 g/cc, 10.0 lbs/gal
pH (1% solution)	9.0 to 10.5
Viscosity (25°C)	< 50 cps
Foaming Tendency	None
Solubility	Readily soluble in cold and hot water
Recommended Dosage*	1 to 5 % based on pigment weight

*The optimal amount of **DARVAN 670L** should be determined by the pigment dispersant demand curve method. A copy of the method is available on request.

DARVAN™ Anionic Dispersing Agent is a trademark of R.T. Vanderbilt Company, Inc.

08/11

R.T. Vanderbilt Company, Inc., 30 Winfield Street, P.O. Box 5150, Norwalk, CT 06856-5150
Telephone: (203) 853-1400 - Fax: (203) 853-1452 - Web Site: www.rtvanderbilt.com

Before using, read, understand and comply with the information and precautions in the Material Safety Data Sheets, label and other product literature. The information presented herein, while not guaranteed, was prepared by technical personnel and, to the best of our knowledge and belief, is true and accurate as of the date hereof. No warranty, representation or guarantee, express or implied, is made regarding accuracy, performance, stability, reliability or use. This information is not intended to be all-inclusive, because the manner and conditions of use, handling, storage and other factors may involve other or additional safety or performance considerations. The user is responsible for determining the suitability of any material for a specific purpose and for adopting such safety precautions as may be required. R.T. Vanderbilt Company, Inc. does not warrant the results to be obtained in using any material, and disclaims all liability with respect to the use, handling or further processing of any such material. No suggestion for use is intended as, and nothing herein shall be construed as, a recommendation to infringe any existing patent, trademark or copyright or to violate any federal, state or local law or regulation.