## Versa-TL 3 Dry

Sulfonated styrene maleic acid copolymer

Designed for use in chemical treatment of boilers and cooling towers, prevents the build up of scale and sludge

### Specifications

Nouryon

Color	≤ 10 (1963, 30% in water) Gardner
Moisture	≤ 10 %
рН	5-9 (25% in Water)
Sulfer, as is	6-13 %

#### Notes:

Typical Data are based on our own measurements or derived from the literature. They do not constitute part of the delivery specification.

## Applications

VERSA-TL 3 dissolves readily in water with slight evolution of heat. Maximum concentration is limited only by viscosity handling capabilities. Iron control for systems up to 1000 psi. Ultra high temperature stable deflocculants for contaminated and high density salt muds. Excellent dispersant for stressed conditions, anti-static agent.

### Storage

VERSA-TL 3 is supplied in convenient 50 lb. Bags. Due to the hygroscopic nature of VERSA-TL 3, it should be protected from moisture.

## Additional information

Effective sludge dispersant. Effective scale control additive for calcium sulfate and calciumphosphate. Effective crystal modifier for calcium carbonate, calcium sulfate, calcium phosphate and iron oxide. Excellent dispersant for iron oxide. Can be used in conjunction with low molecular weight polyacrylateas an effective on line cleaner. Extremely high temperature stability. Reported use in boilers up to 1500 psig with no loss of properties. Compatible with most commonly used water treatment chemicals. Effective at low feed levels. Quick dissolving. High anionic. Chemically stable. Low order of toxicity.

All information concerning this product and/or suggestions for handling and use contained herein are offered in good faith and are believed to be reliable. Nouryon, however, makes no warranty as to accuracy and/or sufficiency of such information and/or suggestions, as to the product's merchantability or fitness for any particular purpose, or that any suggested use will not infringe any patent. Nouryon does not accept any liability whatsoever arising out of the use of or reliance on this information, or out of the use or the performance of the product. Nothing contained herein shall be construed as granting or extending any license under any patent. Customer must determine for himself, by preliminary tests or otherwise, the suitability of this product for his purposes. The information contained herein supersedes all previously issued information on the subject matter covered. The customer may forward, distribute, and/or photocopy this document only if unaltered and complete, including all of its headers and footers, and should refrain from any unauthorized use. Don't copy this document to a website.

VERSA-TL is a registered trademark in many countries.

## Contact Us

#### USA and Canada

Global Headquarters Chicago USA +1 312 544 7000 ansc-cs@nourvon.com

#### China

Regional Headquarters Shanghai China +86 21 2220 5000 surfactants.asia@nouryon.com

#### Europe

Regional Headquarters Stenungsund Sweden +46 303 850 00 surfactants.europe@nouryon.com

#### South East Asia

Regional Headquarters Singapore +65 6635 5183 surfactants.asia@nouryon.com

#### South America

Regional Sales Office Itupeva Brazil +55 11 4591 8938

# Nouryon