

ACS R 2100

TECHNICAL SPECIFICATION	PRODUCT
NUMBER	STW: EX/440/4
DATE	2026-03-12
CHEMICAL NAME	Ethylene oxide and propylene oxide block copolymer
TECHNICAL REQUIREMENTS	Appearance at temperature 40°Cclear liquid Colour (Hazen units) at (40 ÷ 45)°C..... max. 125 (ASTM D1209-25), spectrofotometric method) pH of 10% solution4.6 ÷ 7.4 (PN-EN 1262:2004, solution C, at 20°C) Cloud point of 10% solution, °C 17 ÷ 20 (MB-0016, method A) Water, %(m/m) max. 1 (PN-ISO 760:2001, direct method)
INFORMATIVE DATA*	Molecular weight, g/molapprox. 2000 Solubility in water ...some, after heating the solution becomescloudy Other solvents methanol, acetone Density at 25°C, g/mL1.01÷1.03 Odour mild, characteristic Solidification point, °C below 0 Flash point, °Capprox. 230

* These informative data are not technical requirements and cannot form the basis for any claims.

USE	Non-ionic surfactant with wetting properties, aqueous solution surface tension reduction properties and emulsification and dispersion properties. It has low foaming properties. In certain formulations it is used as an antifoaming agent. ACS R 2100 can be used in oxidizing, reducing and hard water environments. It is active in cold water, in an acid and neutral bath, as well as in diluted alkalies. It can be used in a mixture with other non-ionic auxiliary agents and in mixtures with anionic and cationic surface active agents.
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PACKAGING	Polyethylene drums with a capacity of 120 and 220 liters and other packaging as agreed with the customer.
STORAGE	Store in a tightly closed container in a roofed area, at a temperature of up to 40°C, protect against humidity
SHELF LIFE	Guaranteed period of stability: 24 months from the date of manufacture.
TRANSPORTATION	This product is not regulated for carriage according to ADR/RID, IMDG, ICAO/IATA. Covered means of transport recommended.
CLASSIFICATION AND LABELLING	This technical specification is applicable only if accompanied by the Safety Data Sheet in force. Pursuant to statutory requirements, only the Safety Data Sheet includes updated safety information.

The information contained herein is provided in good faith, based on our state of the art knowledge and experience. We reserve the right to amend this Technical Specification as a result of technological progress and product development by the manufacturer.

This product is intended for the purposes specified herein, for industrial and professional use. To use the product for purposes other than indicated herein, please contact ACS Chem GmbH for consultation sending an e-mail to: office@acs-chem.at

We cannot assume any liability for the use and application of our products, technical assistance and information provided (whether verbal, written or by way of product evaluations), including any suggested formulations and recommendations.

Therefore, it is imperative that you test our products, technical assistance and information provided to determine to your own satisfaction whether they are suitable for your needs, production, your intended uses and applications. Such analysis adopted to the conditions of the use and application should include at least application tests, technical feasibility of the suggested solutions, taking into account safety requirements, health and environmental issues.

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