

ACS TMP3

PRODUCT TECHNICAL SPECIFICATION

NUMBER	STW: EX/952/2
DATE	2023-04-04
CHEMICAL NAME	Alcohols, C13-15, ethoxylated
TECHNICAL REQUIREMENTS	Appearance at temperature (20÷25)°C.....liquid Colour (Hazen units) at temp. 50°C.....max 50 (ASTM D1209-05(2019), visual method) Cloud point (butyldiglicol/water solution), °C44 ÷ 46 (PN-EN 1890:2006, method E) pH of 1% solution.....5 ÷ 8 (PN-EN 1262:2004, solution C at temperature 20°C) Water, % (m/m).....max 1 (PN-ISO 760:2001, direct method)
INFORMATIVE DATA*	Molecular weight, g/mol.....approx. 340 Solubility in water.....low, creates turbid solutions Other solvents.....low aliphatic alcohols Density at 25°C, g/mL.....approx. 0.92 Viscosity at 25°C, cPapprox. 60 Solidification point, °C.....below 5

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

USE	Nonionic surfactant used in various cleaning and washing agents and as an emulsifier. It can be used in oxidizing, reducing and hard water environments. It is active in an acid and neutral bath, as well as in diluted alkalies.
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PACKAGING	Polyethylene drums with a capacity of 120 and 220 liters, IBC and other packaging as agreed with the customer. Packaging with required UN sign.
STORAGE	Store in a tightly closed container in a room protected against atmospheric conditions, at a temperature of up to 40°C. During storage, in time cloudiness and product separation may occur (the product is turbid at the bottom and clear at the top); this is natural behaviour of the product. After mixing and heating to temperature (40 ÷ 50)°C it returns to its earlier form.
SHELF LIFE	Guaranteed period of stability: 24 months from the date of manufacture.
TRANSPORTATION	This product is regulated for carriage according to ADR/RID, IMDG, ICAO/IATA. UN number: 3082 UN Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Alcohols, C13-15, branched and linear, ethoxylated) Transport hazard class(es): 9 Packing group: III
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

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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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