

ROKAnol® DB3

TECHNICAL SPECIFICATION PRODUCT

NUMBER **STW: EX/205/6**

DATE **2023-04-07**

CHEMICAL NAME **Alcohols C12-C15, ethoxylated**

TECHNICAL REQUIREMENTS **Appearance at (20÷25)°C..... liquid or paste**

Colour (Hazen units) at 40°C max 70
(ASTM D1209-05(2019), visual method)

pH of 1% solution 4.6 ÷ 7.4
(PN-EN 1262:2004, solution B, at 20°C)

Hydroxyl value, mg KOH/g 163 ÷ 172
(PN-EN 13926:2004)

Water, %(m/m) max 0.3
(PN-ISO 760:2001, direct method)

INFORMATIVE DATA*

Molecular weight, g/mol approximately 330

Solubility in water low, creates emulsion

Other solvents low aliphatic alcohols

Density at 20°C, g/mL approximately 0.93

Odour weak, characteristic

Solidification point, °C approximately 10

Hydrophilic-lipophilic balance (HLB) 7.8

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

USE

Non-ionic surfactant used in various cleaning and washing agents, usually as one of components together with other non-ionic or anionic or cationic surface active agents. ROKAnol® DB3 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.

PACKAGING	Polyethylene drums with a capacity of 120 and 220 litres, cisterns or tanker vehicles with a heating coil 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. 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. After the expiry of this period, the product can be used upon verifying the conformity of its parameters with the technical requirements. In case of non-conformity, application tests should be performed.
TRANSPORTATION	This product is regulated for carriage according to ADR/RID, IMDG, ICAO/IATA. UN Number: 3082 Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S (Polyoxyethylene ether of alcohol C12-C15), Transport hazard class(es): III Packing group: 9
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 PCC EXOL SA for consultation sending an e-mail to: industrial.application@pcc.eu

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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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