

ROKAmina K40HC

| TECHNICAL SPECIFICATION | PRODUCT |
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| NUMBER | STW: EX/333/5 |
| DATE | 2020-01-13 |
| CHEMICAL NAME | 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18(even numbered) acyl derivs., hydroxides, inner salts |
| TECHNICAL REQUIREMENTS | Appearance at temperature (20±25)°C..... light yellow liquid Colour (Hazen units) at (20±25)°C..... max 150 (ASTM D1209-05(2019), spectrophotometric method) pH of product.....4.5 ÷ 5.5 (PN-EN 1262:2004, at 20°C) Active substance, %(m/m).....37.0 ÷ 42.0 (calculation method: 100% - (% water + % chloride)) Water, %(m/m)52 ÷ 56 (PN-ISO 760:2001, external dissolution method) Chlorides as NaCl, %(m/m)5.8 ÷ 7.3 (LA/2152) |
| INFORMATIVE DATA* | Molecular weight, g/molapprox. 360 Solubility in water unlimited Other solventsethanol, isopropyl alcohol Density at 25°C, g/mLapprox. 1.07 Solidification point, °C below -10 Preservative lack |

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

USE A component of detergents and personal care products like shampoos, bubble baths and shower gels. Product shows delicate influence to skin, it has also high foaming properties. ROKAmina K40HC shows a property of thickening the formulations in presence of anionic surfactants.

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| PACKAGING | Polyethylene drums with a capacity of 120 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 30°C. Due to the high content of sodium chloride product may cause corrosion in tanks made of steel or stainless steel during storage or transport. |
| SHELF LIFE | Guaranteed period of stability: 12 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 PCC EXOL SA for consultation sending an e-mail to: industrial.application@pcc.eu

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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