

PRODUCT TECHNICAL SPECIFICATION
STW: 533/1

TRADE NAME **Rokacet KO300G**

CHEMICAL NAME Ethoxylated partial glycerides of coconut oil acids

TECHNICAL REQUIREMENTS

Appearance oily liquid with a straw to pale yellow colour

Colour (Hazen units) max 300 (PN-81/C-04534/01, visual method)

Water content, %(m/m) max 1.0 (PN-81/C-04959, direct method, solvent - methanol)

Saponification number, mg KOH/g 90÷100 (PN-ISO 3657:1994, saponification time 60 min)

Hydroxyl value, mg KOH/g 170÷190 (PN-86/C-04838, method B)

pH of 5% solution 6.0÷8.5 (PN-EN 1262:2000)

GENERAL DATA

Molecular weight approx. 600

Solubility in water low, creates emulsion

Other solvents ethanol, isopropanol, acetone

Density at 25 °C, g/ml approx. 1.05

Odour weak, characteristic

Solidification point, °C approx. -10

Flash-point, °C above 200

APPLICATION

Non-ionic surfactant used as a hair shampoo, liquid soap, bath foam ingredient with fatliquoring, emulsifying and solubilizing properties. Rokacet KO300G aqueous solutions are resistant to acids, hard water and partly to alkalies. It can be mixed with non-ionic, cationic and anionic agents both in water-free environments and in aqueous solutions.

PACKAGING	Polyethylene drums with a capacity of 120 litres and other packaging as agreed with the customer.
STORAGE CONDITIONS	Store in a tightly closed container in a roofed area, at a temperature of up to 40°C. Guaranteed period of stability: 12 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. If the product does not comply with the requirements, contact the manufacturer.
TRANSPORT	Limitations resulting from ADR, RID and IMDG regulations do not apply. Covered means of transport recommended.
HAZARD SYMBOL	Not applicable.
R-PHRASES	No R-phrases.
S-PHRASES	No S-phrases.
NUMBER	STW: 533/1 Rokacet KO300G
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