

PRODUCT TECHNICAL SPECIFICATION
STW: 531/1

TRADE NAME **Rokacet R40**

CHEMICAL NAME Ethoxylated triglyceride of castor oil and alphahydroxy acids

TECHNICAL REQUIREMENTS

Appearance	paste or semi-liquid paste subject to stratification (homogeneous liquid when heated up to 50 °C and mixed)
Colour in iodine scale	max 10 (PN-84/C-04534/02, visual method)
Iodine value, gJ ₂ /100g	25÷35 (PN-87/C04281, Kaufmann method)
Water content, %(m/m)	max 1.0 (PN-ISO 760:2001, direct method, solvent - methanol)
Saponification number, mg KOH/g	55÷64 (PN-ISO 3657:1994)
pH of 1% solution	6.5÷8.0 (PN-89/C-04963, potentiometric method, at 20 °C)

GENERAL DATA

Molecular weight	approx. 2650
Solubility in water	good
Other solvents	alcohols, oils, fatty acids
Density at 30 °C, g/ml	approx. 1.04
Odour	characteristic
Flash-point, °C	above 110 (in a closed crucible)

APPLICATION Used as an emulsifier of oils, fats and waxes and as an antielectrostatic agent in textile preparations. Rokacet R40 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 room protected against atmospheric conditions, 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. In case of non-conformity, application tests should be performed.
TRANSPORT	Limitations resulting from ADR, RID and IMDG regulations do not apply. Covered means of transport recommended.
HAZARD SYMBOL	Irritant (Xi).
R-PHRASES	Irritating to eyes and skin (R 36/38).
S-PHRASES	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice (S 26). After contact with skin, wash immediately with plenty of water (S 28). Wear suitable gloves and eye/face protection (S 37/39).
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