

EXVELIA CO35

TECHNICAL SPECIFICATION	PRODUCT
NUMBER	STW:EX/2132/1
DATE	2026-07-01
CHEMICAL NAME	Macrogolglycerol ricinoleate; Polyoxyl 35 Castor Oil
TECHNICAL REQUIREMENTS	Identification complies with A, B,C, D tests (Ph. Eur. 12+Suppl.) Appearance at (20÷25)°C transparent, yellow viscous liquid or semi-solid paste (Ph. Eur. 12+Suppl.) Solution appearance..... ≤ color of the comparative solution BY6 not more opalescent than reference suspension III (Ph. Eur. 12+Suppl.) Hydroxyl value, mg KOH/g 65 ÷ 82 (Ph. Eur. 12+Suppl.) Acid value, mg KOH/g ≤ 2.0 (Ph. Eur. 12+Suppl.) Water, %(m/m) ≤ 3.0 (Ph. Eur. 12+Suppl.) Total ash, % (m/m)..... ≤ 0.3 (Ph. Eur. 12+Suppl.) Ethylene oxide, ppm ≤ 1 (Ph. Eur. 12+Suppl.) 1,4-dioxane, ppm..... ≤ 10 (Ph. Eur. 12+Suppl.) Iodine value, gJ₂/100g 25 ÷ 35 (Ph. Eur. 12+Suppl.) Saponification value, mg KOH/g..... 60 ÷ 75 (Ph. Eur. 12+Suppl.) Alkalinity, mL..... ≤ 0,5 (Ph. Eur. 12+Suppl.)
INFORMATIVE DATA*	Relative density, g/mL approx. 1.05 Viscosity at (20÷25)°C, mPa·s 500 ÷ 800 Solubility in water, ethanol, methylene chloride soluble Hydrophilic-lipophilic balance (HLB) approx. 13

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

USE	Emulsifier and solubiliser for water-insoluble ingredients in pharmaceutical formulations for oral and topical application, such as vitamins and essential oils. The product is suitable for creating solutions of hydrophobic drugs. The product meets the parameters contained in the monograph from the current version of the European Pharmacopoeia
PACKAGING	Packaging as agreed with the customer.
STORAGE	EXVELIA CO35 is stable for 2 years when stored in original, tightly closed containers. It is recommended that the ambient temperature during long-term storage is between 5°C and 25°C, with the extreme acceptable range being between 0°C and 30°C. Storage at higher temperatures is only possible for a short time.
SHELF LIFE	24 months from the date of manufacture
TRANSPORTATION	This product is not regulated for carriage according to ADR/RID, IMDG, ICAO/IATA
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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