

Rokacet HR40W

CHEMICAL NAME	Castor oil, hydrogenated, ethoxylated, water solution
INCI NAME	PEG-40 Hydrogenated Castor Oil
CAS NUMBER	61788-85-0
FUNCTION	A non-ionic solubilizer and emulsifier
TECHNICAL REQUIREMENTS	<p>Appearance..... liquid</p> <p>Colour in Gardner scale at 40°C.....max. 5</p> <p>Saponification number, mg KOH/g 45 ÷ 60</p> <p>Iodine number, g I₂/100 gmax.1</p> <p>Acid number, mg KOH/g.....max.1</p> <p>1,4-dioxane, ppm.....max.10</p> <p>Water, % (m/m) 9,5 ÷ 10,5</p> <p>pH of 1% solution 6,0 ÷ 7,0</p>
GENERAL DATA	<p>Molecular weightapprox. 2500</p> <p>Solubility in water good</p> <p>Other solvents..... alcohols, oils, fatty acids</p> <p>Density at 25°C, g/ml..... approx. 1.04</p> <p>Odourweak</p> <p>Solidification point, °C approx. 5</p>
APPLICATION	A non-ionic solubilizer and emulsifier based on hydrogenated castor oil. Product mainly applied in cosmetics and parfums as a solubilizer of essential oils, fragrances, vitamins and other oil substances in water and water-alcohol solutions.