

REWOPAL® EO 70

Product description

Oleic acid polyglycol ester

Physical properties

Appearance (20 °C)	yellow, clear liquid
pH value (1 % in water)	6.5 – 7.5
Ester value	89 – 95 mg KOH/g
Colour (Gardner)	max. 6

Application

REWOPAL® EO 70 is used as an agent for the preparation and processing of man made fibers. It is especially recommended as an oiling agent for synthetic fibers, wool and their blends.

It can be used as a preparation agent on the backwashing machine or as an oiling agent for spinning and webbing mills.

REWOPAL® EO 70 is recommended as dispersing agent for polyester oligomers in the reductive post-treatment bath at polyester dyeing.

It can also be used as an emulsifier in mineral oil or ester based winding oils.

Finally REWOPAL® EO 70 could be used as an additive in softener formulations for dyed goods to improve the hydrophilicity of the treated fabrics and fibers including mineral wool.

Properties / Benefits

REWOPAL® EO 70 is compatible with anionic, cationic, non-ionic and amphoteric surfactants.

REWOPAL® EO 70 is clear soluble in mineral and ester oils and could also be used as emulsifier for these oils.

REWOPAL® EO 70 added to softener formulations could increase the rewetting and water absorption of the treated fabric.

Depending on the drying conditions REWOPAL® EO 70 could cause yellowing on white goods and needs therefore to be evaluated in the specific formulation and under the specific application conditions.

Dosage / Handling

Dosage depends on the specific needs and application and therefore needs to be evaluated in each special case.

However, based on active matter a dosage of 0.1 – 0.3 % is recommended for fiber production and carding.

2.0 – 3.0 % is recommended for carded wool spinning.

An initial concentration of 25 to 50 % based on the softener in the softening formulation is recommended to improve hydrophilicity.

Registration status

The components of REWOPAL® EO 70 are listed in the following chemical inventories:

EINCES, TSCA, DSL, ENCS, AICS, ECL, PICCS and China.

Storage stability

REWOPAL® EO 70 as delivered can be stored in closed drums and containers for 12 months.

REWOPAL® EO 70 should not be exposed to extremes of heat and frost. Prolonged storage at elevated temperatures (approx. 40 °C) will result in product discolouration.

Prolonged storage in cold conditions may result in cloudiness or crystalline precipitation. A clear and homogeneous material can be achieved by gentle warming and stirring without affecting the product quality.

Packaging

Pallet à 800 kg

(4 x 200 kg drums)

Container à 900 kg net

Hazardous goods classification

Information concerning

- classification and labelling according to regulations for transport and for dangerous substances
- protective measures for storage and handling
- measures in case of accidents and fire
- toxicity and ecological effects

is given in our material safety data sheets.

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Trademark notice and legal notice

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