



## PEG-400

The product of ethylene oxide polymerization with ethylene glycol.  
The product is used for plasticizers manufacture, in agro-technical, textile and other industries in line with the opinion of the Ministry of Health.

Chemical name: Polyethylene Glycol-400  
Empirical formula:  $H(O-CH_2-CH_2)_n-OH$

PROPERTY	Value	Test Method
pH of 5 % aqueous solution	5,5-7,5	Per p. 4.3 of the TU
Water mass content, % by mass, max	0,5	Per p. 4.4 of the TU
Sulfate ash mass content, % by mass, max	0,1	Per p. 4.5 of the TU
Loss of mass at drying, %, max	3,0	Per p. 4.6 of the TU
Free acetic acid mass content, % by mass, max	0,024	Per p. 4.7 of the TU
Hydroxyl number, mg KOH/g	260-290	Per p. 4.8 of the TU
Mono- and di-ethylene glycols mass content, % by mass, max	0,25	Per p. 4.9 наст. ТУ
Color of 25 % aqueous solution, Hazen units, max	25	Per p. 4.10 of the TU
Ethylene oxide mass content, % by mass, max	0,01	Per p. 4.11 of the TU
Iron mass content, % by mass, max	0,0001	Per p. 4.12 of the TU

**Supply form:** Colorless or faintly yellowish, transparent, viscous liquid with weak specific odor.

**Packaging:** The product is filled into aluminum, steel or polymer drums, steel dedicated containers, as well as into rail tank cars, equipped with the bottom discharge and heating.

**Shipment:** By all types of transportation means.

**Storage:** In leak- and moisture-proof containers or vessels.