



PRODUCT CODE: 162436

Polyethylene Glycol 400 for synthesis

$\text{HO}(\text{C}_2\text{H}_4\text{O})_n\text{H}$

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CAS [25322-68-3]

EINECS 203-473-3

TARIC 3907 20 11 90

SYNONYMS: Carbowax 400, Macrogol 400, PEG 400

PHYSICAL DATA: liquid, Clear, Colourless, Miscible with water • Hygroscopic • D 20/4 1,12 • M.P.: 4 - 8 °C • pH(100g/l)4 - 7 • Ign. T.:370 °C • Viscosity 20 °C 120 mPa.s •

BIBLIOGRAPHY: Merck Index **12**, 7.729 13, 7.651 Sax **PJT000** • Ullmann **(5.)**10 , 108 • Beilstein **1 , III , 2109 17 , II , 11** • Fieser **12399** • BP.**2018** • USP -**NF 36** • Ph. Eur. **8.0** (2014) **9.0** (2017) 7.7 • F.C.C **10 11** •

HAZARDOUS: RTECS: TQ 3675000 • LD50 oral rat 30.200 mg/kg •

WEIGHT/VOLUME INFORMATION: 1l~1,127 kg 1kg~0,887 l

SPECIFICATIONS:

Identity :

Identity

Density at 20/4

Average molecular weight

Hydroxyl value

IR passes test

1,125-1,128

380-420

267-295