Glentham Life Sciences Ltd
Unit 5 Leafield Way
Corsham SN13 9SW
United Kingdom

t: +44 (0) 1225 667 798
f: +44 (0) 2033 978 909
e: info@glentham.com
w: www.glentham.com

Product Datasheet

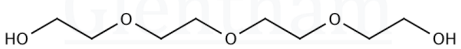
GC0231 - Polyethylene glycol 400, BP, Ph. Eur., USP/NF grade

Product Details

Product Name	Polyethylene glycol 400, BP, Ph. Eur., USP/NF grade
Glentham Code	GC0231
CAS Number	25322-68-3
EINECS	500-038-2
MDL Number	MFCD00081839

Structure

Molecular Weight	:	~400
Molecular Formula	:	$(-CH_2CH_2O-)n$



Storage

Recommended storage temperature: +20°C.

Hazards and Transport

Not classified as hazardous under CLP.

Not classified as dangerous for transport.

Glentham Product Specification

Physical Description	:	Clear, viscous, colourless or almost colourless hygroscopic liquid
Identification	:	To pass tests
Colour (Hazen)	:	≤ 25 (20°C)
Solubility (25% in water)	:	Clear, colourless solution (≤ BY6)
Acidity or Alkalinity	:	≤ 0.1ml (of 0.1M NaOH required)
Dynamic Viscosity	:	105 - 130 mPa.s (20°C)
Kinematic Viscosity	:	94 - 116 mm²/s (20°C)
pH (5% in water)	:	4.5 - 7.5
Molecular Weight	:	380 - 420
Hydroxyl Value	:	267 - 294 mgKOH/g
Reducing Substances	:	To pass test
Sulphated Ash	:	≤ 0.1%
Formaldehyde	:	To pass test
Ethylene Glycol and Diethylene Glycol	:	≤ 0.25%
Ethylene Oxide	:	≤ 1ppm
1,4-Dioxane	:	≤ 10ppm
Heavy Metals	:	≤ 5ppm
Organic Volatile Impurities	:	To pass test
Water	:	≤ 2.0%
Pharmacopoeia Specification(s)	:	BP, Ph. Eur., USP/NF
Version	:	v1.0

About Polyethylene glycol 400, BP, Ph. Eur., USP/NF grade

No further details on record.

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2025

Printed: 2025-05-03 00:15:23