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Product Datasheet

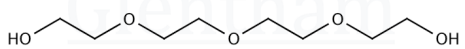
GC2100 - Polyethylene glycol 8000, BP, Ph. Eur., USP/NF grade

Product Details

Product Name	Polyethylene glycol 8000, BP, Ph. Eur., USP/NF grade
Glentham Code	GC2100
CAS Number	25322-68-3
EINECS	500-038-2
MDL-Nummer	MFCD00081839

Structure

Molecular Weight	:	~8,000
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	:	White or almost white solid with a waxy appearance
Identification	:	To pass tests
Colour (Pt-Co)	:	≤ 25 (25% in water)
Solubility (25% in water)	:	Clear, colourless solution
pH (5% in water)	:	4.5 - 7.0
Acidity	:	≤ 0.015% (as acetic acid)
Acidity or Alkalinity	:	≤ 0.1ml (of 0.1M NaOH required)
Dynamic Viscosity	:	260 - 510 mPa.s (50% in water)
Kinematic Viscosity	:	240 - 472 mm²/s (50% in water)
Freezing Point	:	55 - 62 °C
Molecular Weight	:	7000 - 9000
Hydroxyl Value	:	12.5 - 16.0 mgKOH/g
Reducing Substances	:	To pass test
Sulphated Ash	:	≤ 0.1%
Formaldehyde	:	To pass test
Ethylene Glycol and Diethylene Glycol	:	≤ 0.2%
Ethylene Oxide	:	≤ 1ppm
1,4-Dioxane	:	≤ 5ppm
Heavy Metals	:	≤ 5ppm
Organic Volatile Impurities	:	To pass test
Water	:	≤ 1.0%
Pharmacopoeia Specification(s)	:	BP, Ph. Eur., USP/NF
Version	:	v1.0

About Polyethylene glycol 8000, BP, Ph. Eur., USP/NF grade

No further details on record.

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