

PRODUCT IDENTIFICATION



Product Name: Polyethylene Glycol 200 (PEG 200) - Technical Grade

CAS Number: 25322-68-3

Molecular Formula: $\text{H}(\text{OCH}_2\text{CH}_2)_n\text{OH}$

Molecular Weight: 200 g/mol

Grade: Technical Grade

Purity / Concentration: Not Available

Synonyms: Not Available

PRODUCT OVERVIEW

Technical data sheet for Polyethylene Glycol 200 (PEG 200) - Technical Grade.

CERTIFICATE OF ANALYSIS — TYPICAL VALUES

PARAMETER	UNIT	TYPICAL	MIN	MAX	TEST METHOD
Assay Gc	%	100.0	99.5	100.5	GC
Color (APHA)	APHA	5	0	10	APHA
pH	—	7	6.8	7.2	pH Meter
Refractive Index 20C	—	1.3777	1.3772	1.3782	Refractometer @ 20°C
Specific Gravity (20°C)	g/mL	0.786	0.785	0.787	Hydrometer @ 25°C
Non Volatile Residue	mg/100mL	1	0	5	Evaporation
Water Karl Fischer	%	0.02	0	0.05	Karl Fischer

Values based on 1 batch tested. ND = Not Detected.

PHYSICAL & CHEMICAL PROPERTIES

Appearance	Clear viscous liquid, pale transparent fluid	Form	Liquid
Boiling Point	287°C (549°F)	Melting / Freezing Point	4°C (39°F)
Flash Point	232°C (450°F)	Specific Gravity	1.126
Solubility	Highly soluble in water, most organic solvents	Molecular Formula	$\text{H}(\text{OCH}_2\text{CH}_2)_n\text{OH}$
Molecular Weight	200 g/mol		

APPLICATIONS

Contact Alliance Chemical for application guidance.

STORAGE & HANDLING

- Store in a cool, dry, well-ventilated area.
- Keep container tightly closed when not in use.
- Store away from incompatible materials.
- Follow all applicable local and federal storage regulations.

AVAILABLE PACKAGING

- 1 Quart
- 1 Gallon
- 5 Gallon
- 15 Gallon
- 55 Gallon
- 275 Gallon
- 330 Gallon

SAFETY SUMMARY (CROSS-REFERENCE TO SDS)

Signal Word: Not Classified

No GHS pictograms assigned.

Emergency Contact: CHEMTEL - 800-255-3924 (24 Hours/Day, 7 Days/Week)

For complete safety information, refer to the Safety Data Sheet (SDS) for this product.

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