

## CARBOWAX™ Polyethylene Glycol (PEG) 200

<b>Product</b>	CAS # 25322-68-3
<b>Description</b>	CHEMICAL FAMILY – Oxyalkylene Polymer CFTA NOMENCLATURE – PEG-4

### Typical Physical Properties – CARBOWAX™ PEG 200<sup>(1)</sup>

Range of Avg. Molecular Weight	190 – 210
Range of Average Hydroxyl Number, mg KOH/g	535 – 590
Density, g/cm <sup>3</sup> @ 20°C	1.1238
Melting or Freezing Range, °C	Sets to glass below -65
Solubility in Water at 20°C, % by wt	Complete
Viscosity at 100°C, cSt	4.3
Average Number of Repeating Oxyethylene Units	4.1
Avg. Liquid Specific Heat, cal/g/°C	0.51
Heat of Fusion, Cal/g	Sets to glass below -65
pH at 25°C, 5% Aqueous Solution	4.5 – 7.5
Flash Point, Pensky Martens Closed Cup, °C	185
Flash Point, Cleveland Open Cup, °C	190
Physical Form	Liquid
Weight per gallon, lbs/gal @ 20°C	9.38

1. Typical properties, not to be construed as specifications

#### Typical Known Applications for Polyethylene Glycols\*

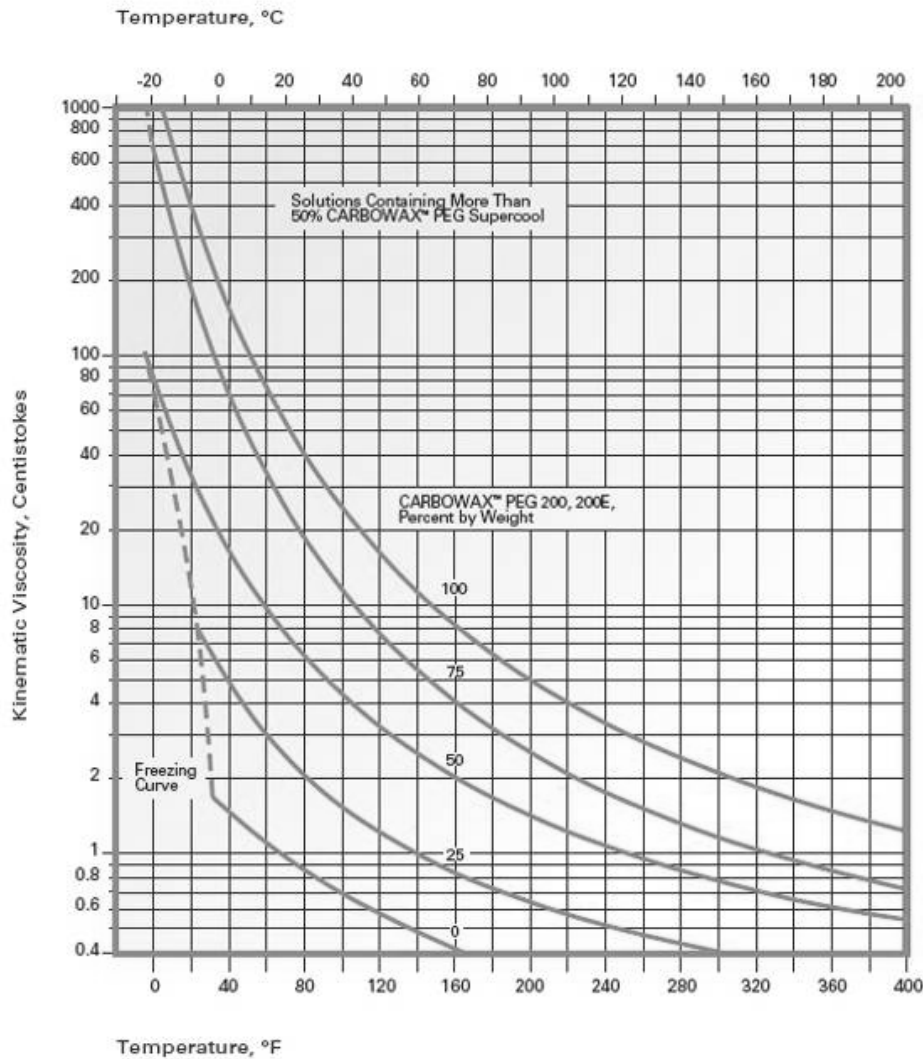
- Adhesives
- Chemical Intermediates
- Food Packaging
- Inks
- Lubricants
- Mold Release Agent
- Plasticizer

\*Refer to the CARBOWAX™ Polyethylene Glycols and Methoxypolyethylene Glycols brochure (Form No. 118-01789-1011) for more specific application information

<b>FDA Status</b>	CARBOWAX™ Polyethylene Glycols are produced to meet the requirements for use under Food Additive Regulations for indirect use as components of articles intended for use in contact with food. It is the responsibility of the user of CARBOWAX™ PEGs and MPEGs to read and understand all current applicable FDA and EPA regulations, as well as any other applicable regulations.
<b>Product Stewardship</b>	Dow encourages its customers and potential users to review their applications from the standpoint of human health and environmental aspects. To help ensure that Dow products are not used in ways for which they are not intended or tested, Dow personnel will assist customers in dealing with environmental and product safety considerations. Dow literature, including material Safety Data Sheets, should be consulted prior to the use.

Technical Data Sheet

**Kinematic Viscosity of Aqueous Solutions of CARBOWAX™ Polyethylene Glycol 200**



***For further information, call...***

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Published December 2011

