



## Technical Data Sheet

# CARBOWAX™ SENTRY™ Polyethylene Glycol (PEG) 400 Low Aldehyde

<b>Product</b>	CARBOWAX™ SENTRY™ Polyethylene Glycol 400 NF Low Aldehyde; Macrogol 400 Ph. Eur.
<b>Description</b>	Polyethylene Glycol
<b>CAS Number</b>	25322-68-3
<b>Applications</b>	Adhesives Antistatic Agent and Humectant Chemical Intermediates Inks and Dye Carrier Lubricants Mold Release Agent Plasticizer

### Typical Physical Properties<sup>(1)</sup>

Property	Value
Physical Form	Liquid
Average Number of Repeating Oxyethylene Units	8.7
Range of Average Molecular Weight	380 – 420
Range of Average Hydroxyl Number, mg KOH/g	264 – 300
Density, g/cm <sup>3</sup> at 20°C	1.125
Melting or Freezing Range, °C	4 – 8
Solubility in Water at 20°C, % by weight	Complete
Viscosity at 100°C, cSt	7.3
Heat of Fusion, Cal/g	36

<sup>(1)</sup> Typical properties, not to be construed as specifications

**FDA Status** 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.

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