

### Product Specifications

PARAMETER	LIMIT
Monoethylene Glycol (WT%)	99.95 min
Diethylene Glycol (WT%)	0.05 max
Appearance	substantially free of suspended matter
Color (APHA)	5 max
Water (WT%)	0.05 max
UV Transmission 350 nm (% trans)	98 min
UV Transmission 275 nm (% trans)	93 min
UV Transmission 220 nm (% trans)	70 min
Acidity as acetic acid (WT%)	0.003 max
Iron (ppm)	0.07 max
Total chlorides (ppm)	0.1 max
Ash (WT%)	0.003 max

### Features

Monoethylene Glycol Fiber Grade is used in the manufacture of polyester fibers and polyethylene terephthalate (PET) resins, used in making a number of products including textiles, tire cords, video tapes, and soft drink and water containers.

### Applications

- Polyester resins and fibers
- Deicing fluids
- Water-based adhesives
- Latex paints and asphalt emulsions
- Electrolytic capacitors

### Typical Physical Properties

PROPERTY	VALUE
Specific gravity (20/20°C)	1.117
Solubility in water	completely miscible
Flashpoint	232°F (111°C)
Boiling point (min)	387°F (197°C)
Freeze point	11.8°F (-11.2°C)
Molecular formula	C <sub>2</sub> H <sub>6</sub> O <sub>2</sub>
Molecular weight	62.07

These values should not be construed as sales specifications.

### Other Information

- CASRN: 107-21-1
- This product may not be used in aerosol applications such as theater fogs, linen sprays, pepper sprays, air sanitizers; chafing fuels for warming foods, deicer applications for use on roadways and pedestrian walkways, manufacture/formulation of deicer or anti-icing products for use on aircraft or runways.

Before using this product, the user is advised and cautioned to make its own determination and assessment of the safety and suitability of the product for the specific use in question and is further advised against relying on the information contained herein as it may relate to any specific use or application. It is the ultimate responsibility of the user to ensure that the product is suited and the information is applicable to the user's specific application. Berryman Chemical Inc. does not make, and expressly disclaims, all warranties, including warranties of merchantability or fitness for a particular purpose, regardless of whether oral or written, express or implied, or allegedly arising from any usage of any trade or from any course of dealing in connection with the use of the information contained herein or the product itself. The user expressly assumes all risk and liability, whether based in contract, tort or otherwise, in connection with the use of the information contained herein or the product itself. Further, information contained herein is given without reference to any intellectual property issues, as well as federal, state or local laws which may be encountered in the use thereof. Such questions should be investigated by the user.