

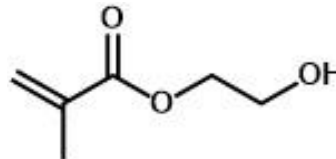
BIMAX® HEMA

2-Hydroxyethyl methacrylate

CAS No. 868-77-9

EINECS No. 2127822

Standard Grade



Applications

This material is a high purity monomer for contact lens applications. A variety of custom specifications can be provided to meet specific uses and customer requirements.

Properties

Purity, % min	99.0
Methacrylic acid, % max	0.15
Ethylene glycol dimethacrylate, % max	0.20
Diethylene glycol monomethacrylate, % max	0.50
Color, APHA max	10
Moisture, % max	0.10
MEHQ, ppm	15-25

Physical Properties

Appearance	clear, colorless liquid
Molecular weight	130.1 g/mol
Flash point, closed cup	96°C
Density (relative), 25°C	1.073 g/ml
Viscosity, 20°C	6.8 cps
Water solubility	soluble
Boiling point, 10 mmHg	95°C

Packaging

2.6-liter poly bottles, containing 2.5 kg each (15 kg per box)

5-gallon poly pails, containing 18 kg each

55-gallon poly drums, containing 200 kg each

Storage and Handling

Store at temperatures below 32°C, away from heat, sunlight, and ignition sources. Saturate with atmospheric oxygen. Wear goggles and gloves. Eye and skin contact should be avoided. May cause sensitization by skin contact. If contact occurs, wash affected area immediately with cold water.

Consult the Safety Data Sheet.

This information is presented for your consideration in the belief that it is accurate and reliable; however, Bimax makes no guarantees or warranty, either expressed or implied, of the accuracy or the completeness of this information. The information in this data sheet is designed only as a guidance for safe handling, storage and use of the substance. It is not a specification, nor does it guarantee any specific properties. All chemicals should be handled only by competent personnel, within a controlled environment. Individuals receiving this information are expected to use their own judgment in determining the relevancy for a particular circumstance. Accordingly, Bimax will not be responsible for damages of any kind resulting from the use of, or reliance upon, such information.