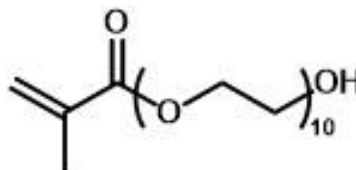


BIMAX® HEMA-10

Polyethoxy (10) methacrylate

CAS No. 25736-86-1

EINECS No. Not applicable



Applications

This material is used to prepare polymers with varying surface activity and solubility by providing strongly hydrophilic groups pendant to the polymer backbone. Solution polymerization in water with acrylic or methacrylic acid results in water soluble polymers useful as dispersants or anti-scalants. In emulsion polymerization, incorporation of polyethoxy (10) methacrylate through the methacrylate functionality modifies the particle surface providing a water soluble pendant nonionic chain able to enhance latex stability, particularly when used in conjunction with other nonionic surfactants.

Typical Properties

Hydroxyl number, mg KOH/g	96-117
Color (10% soln), APHA	500
Moisture, %	< 0.5
pH (10% soln)	5-8

Physical Properties

Appearance	viscous, liquid
Molecular weight	526 g/mol

Packaging

5-gallon poly pails, containing 18 kg each

55-gallon poly drums, containing 200 kg each

275-gallon IBCs, containing 998 kg each

Storage and Handling

Store at temperatures below 27°C, away from heat and sunlight. Wear goggles and gloves. Eye and skin contact should be avoided. 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.