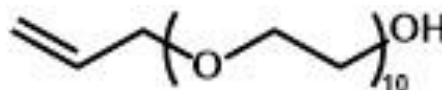


BIMAX® AAE-10

Hydroxypolyethoxy (10) monoallyl ether
CAS No. 27274-31-3
EINECS No. Not applicable



Applications

This is a difunctional monomer used to impart hydrophilic properties to aqueous solution or emulsion polymers. Solution copolymers of hydroxypolyethoxy (10) monoallyl ether with acrylic acid have shown useful properties as dispersants and scale inhibitors in boiler water applications. This material is a clear, slightly viscous liquid (5 cps at 20°C), which undergoes partial solidification below 10°C to form a viscous paste. It is soluble in water, as well as alcohols and aromatic solvents.

Typical Properties

Color, APHA	< 100
pH (5% soln)	6-8
Moisture, %	< 0.3
Hydroxyl number, mg KOH/g	105-115

Physical Properties

Appearance	light yellow liquid
Molecular weight	498 g/mol

Packaging

55-gallon steel drums, containing 200 kg each

Storage and Handling

Store at temperatures below 25°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.

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