

## **TECHNICAL DATA SHEET**

**NAME OF COMMODITY:** 2-Hydroxy Ethyl Acrylate – (HEA)

**CAS NO.:** 818-61-1

**MOLECULAR FORMULA:** C<sub>5</sub>H<sub>8</sub>O<sub>3</sub>

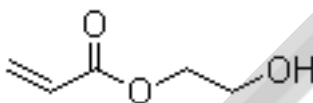
**MOLECULAR WEIGHT:** 116.12

**UN NO.:** 2927

**CLASS:** 8/6.1

**PG:** II

**STRUCTURE FORMULA:**



TESTS	SPECIFICATIONS
Appearance	Colorless Liquid
Purity (% wt)	97.00 Min
Water Content (% wt)	0.15 Max
Color (Apha)	20 Max
Free Acid (as AA) (% wt)	0.5 Max
Inhibitor (MEHQ)	360 - 440 ppm

### **APPLICATION:**

2-hydroxyethyl acrylate forms homopolymers and copolymers. Copolymers of 2-hydroxyethyl acrylate can be prepared with acrylic acid and its salts, amides and esters, and with methacrylate, acrylonitrile, maleic acid esters, vinyl acetate, vinyl chloride, vinylidene chloride, styrene, butadiene, unsaturated polyesters and drying oils, etc.

2-hydroxyethyl acrylate is also a very useful feedstock for chemical syntheses, because it readily undergoes addition reactions with a wide variety of organic and inorganic compounds.

**PACKING:** net 200 kg drums; 16mt / 20' fcl, palletized