

TECHNICAL DATA SHEET

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

CAS NO.: 818-61-1

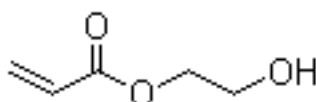
MOLECULAR FORMULA: C₅H₈O₃

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