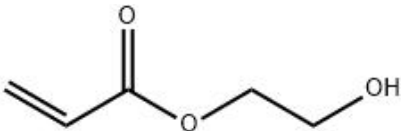
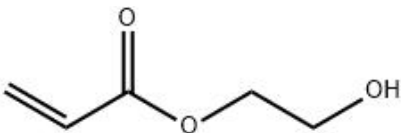


**TECHNICAL DATA SHEET**

Product	2-Hydroxyethyl acrylate
Chemical Name	2-(Acryloyloxy)ethanol;2-Hydroxyethylester kyseliny akrylove;HEA
CAS	818-61-1
Chemical Formula	C ₅ H ₈ O ₃
Molecular Weight	116.12
EINECS Number	212-454-9
Molecular structure	

**SPECIFICATION (FCC 12):**

Item	Qualified Grade	Common Grade	Premium Grade	Top Grade
Appearance	Clear Liquid	Clear Liquid	Clear Liquid	Clear Liquid
Purity≥ %	90.0	93.0	95.0	97.0
Ester Content ≥ %	98.0	98.0	99.0	99.0
Color ≤	30	25	0.2	0.2
Free Acid≤ Wt%	0.4	0.3	0.2	0.2
Water≤ %	0.35	0.30	0.15	0.15
Inhibitor ppm	200±50	200±50	200±50	200±50

Packaging:

200kg/drum, IBC drum, ISO tank or requirement of clients. Keep it away from light at a temperature below 25°C

Application:

1. Used in the manufacture of excellent thermosetting coatings, synthetic rubber, used as lubricant additives, etc.
2. In terms of adhesives, copolymerization with vinyl monomers can improve the bonding strength.
3. In paper processing, acrylic emulsion used for coating can improve its water resistance and strength.
4. Used as active diluent and crosslinking agent in radiation curing system, can also be used as resin crosslinking agent, plastic, rubber modification agent
5. Wood varnish, printing ink and adhesive
6. Mainly used in the manufacture of thermosetting acrylic paint, light curing acrylic paint, photographic paint, adhesive, textile treatment agent, paper processing, water quality stabilizer and polymer materials, etc. With less use, but can significantly improve product performance

Shelf Life:

2 years in original packaging containers.