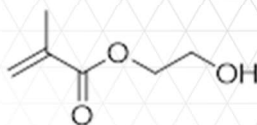


## MERACRYL HEMA 98

### 2-Hydroxyethyl methacrylate



## 2-Hydroxyethyl methacrylate 98

CAS-Nr.: 868-77-9

### Quality on supply:

- Appearance: clear and colorless liquid
- Odor: ester like

### STANDARD SPECIFICATION

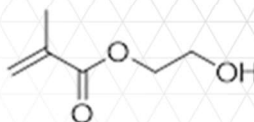
		Test Method	
Degree of purity	min. 98,00 %	M2-8	GC
DEGMA*	max. 1,50 %	M2-8	GC
EGDMA**	max. 0,20 %	M2-8	GC
Acid content	max. 0,100 %	M4	acid-base titr. calculated as GMAA
Water content	max. 0,100 %	M3	according to Karl Fischer
Color	max. 20	M5	Pt-Co
Stabilization	200 ± 20 ppm MEHQ	M1-15	HPLC

\* 1 Diethylenglykoldimethacrylate

\*\* 2 Ethylenglykoldimethacrylate

# MERACRYL HEMA 98

## 2-Hydroxyethyl methacrylate



Following data are not part of the product specification but serve as benchmarks.

### PHYSICAL DATA

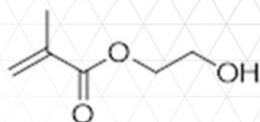
Molecular weight	130,1 g/mol
Density	1,07 g/cm <sup>3</sup> at 20 °C
Refractive index	1.453 at 20 °C
Boiling point	213 °C at 1013 hPa
Vapor pressure	0,08 hPa at 20 °C (OECD 104, dyn. method)
Melting point	- 99 °C
Viscosity (kinematic)	6,36 mm <sup>2</sup> /s at 20 °C, (DIN 51562)
Ignition temperature	375 °C at 1013 hPa (DIN 51794)
Flash point	106 °C (ASTM D93 / Pensky Martens Closed Cup)
Solubility in water	miscible at 20 °C

### REGISTRATION

REACH	registered
included in TSCA	+

# MERACRYL HEMA 98

## 2-Hydroxyethyl methacrylate



### General Hints

For information about health protection and shipment see our Safety Data Sheet.

### Application

Adhesion promoter for polymers, thermosetting paints, hydrophilic polymers, light-curing polymer systems.

### Shelf life

Of the standard stabilized product: 6 months at max. 30 °C from date of delivery.

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**[www.meracryl.de](http://www.meracryl.de)**  
**[www.roehm.com](http://www.roehm.com)**

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