





ET0164 Ethylene glycol, EssentQ®, packed in HDPE bottles 

assay (G.C.) min. 99,5 %
 identity (IR-spectrum) passes test
 density (20°/20°) 1,113 - 1,115
 free acid (as CH₃COOH) max. 0,001 %
 chlorides (Cl) max. 0,002 %
 sulfates (SO₄) max. 0,01 %
 copper (Cu) max. 0,2 ppm






iron (Fe) max. 0,5 ppm
 lead (Pb) max. 0,2 ppm
 nickel (Ni) max. 0,2 ppm
 diethylenglycol (G.C.) max. 0,1 %
 water (K.F.) max. 0,2 %

ART. NO.	VOLUME	CONTAINER
ET01641000	1 l	
ET01642500	2,5 l	
ET0164005P	5 l	
ET0164025P	25 l	


ET0166 Ethylene glycol, ExpertQ®, for analysis, Reag. Ph Eur 

assay (G.C.) min. 99,5 %
 identity (IR-spectrum) passes test
 density (20°/20°) 1,113 - 1,115
 refractive index n₂₀/D 1,431 - 1,433
 colour (Hazen) max. 10
 acidity passes test
 chlorides (Cl) max. 0,0002 %
 iron (Fe) max. 0,5 ppm

formaldehyde max. 0,005 %
 substances reducing KMnO₄ passes test
 substances darkened by H₂SO₄ passes test
 residue on ignition max. 0,005 %
 water (K.F.) max. 0,1 %

ART. NO.	VOLUME	CONTAINER
ET01661000	1 l	
ET01662500	2,5 l	
ET0166005P	5 l	
ET0166025P	25 l	
ET0166200P	200 l	

ETHYLENE GLYCOL MONOBUTYL ETHER

ET0175 Ethylene glycol monobutyl ether, EssentQ® 

- Synonyms: 2-Butoxyethanol, Butyl glycol
- C₈H₁₈O₂
- M = 118,18 g/mol
- CAS [111-76-2]
- EINECS-No.: 203-905-0
- Density: 0,9 g/cm³
- Solub. in water: (20 °C): miscible
- Melting point: -70 °C
- Boiling point: 170 - 172 °C
- Flash pt. 67 °C
- Ignition temp.: 230 °C
- Vapour pressure: (20 °C) 0,8 hPa
- Refraction index: (n 20 °C/D) 1,4193
- Dielectric const.: (20 °C) 9,4
- LD 50 (oral, rat): 1480 mg/kg
- EC-Index-No.: 603-014-00-0
- GHS-signal word: Warning
- GHS-H sentences: H302 - H312 - H332 - H315 - H319
- GHS-P sentences: P261 - P280 - P305 + P351 + P338 - P321 - P322 - P501a
- Tariff number: 2909 43 00 00
- Applications: synthesis of organic products, solvents, manufacture of dyes, plasticizer, insecticide.




assay (G.C.) min. 99 %
 identity (IR-spectrum) passes test
 density (20°/4°) 0,900 - 0,901
 peroxides (as H₂O₂) max. 0,005 %
 water (K.F.) max. 0,2 %
 residue on ignition max. 0,01 %

ART. NO.	VOLUME	CONTAINER
ET01751000	1 l	

ETHYLENE GLYCOL MONOETHYL ETHER



- Synonyms: 2-Ethoxyethanol, Ethyl glycol, Ethyl cellosolve
- C₄H₁₀O₂
- M = 90,12 g/mol
- CAS [110-80-5]
- EINECS-No.: 203-804-1
- Density: 0,93 g/cm³
- Solub. in water: (20 °C): miscible
- Melting point: -100 °C
- Boiling point: 135 °C
- Flash pt. 40 °C
- Ignition temp.: 235 °C
- Vapour pressure: (20 °C) ~ 5 hPa
- Refraction index: (n 20 °C/D) 1,4075
- Dielectric const.: (20 °C) 11,9
- LD 50 (oral, rat): 2125 mg/kg
- EC-Index-No.: 603-012-00-X
- ADR: 3 F1 III UN 1171
- IMDG: 3 III UN 1171
- IATA/ICAO: 3 III UN 1171
- GHS-signal word: Danger
- GHS-H sentences: H331 - H360FD - H226 - H302
- GHS-P sentences: P210 - P241 - P303 + P361 + P353 - P321 - P405 - P501a
- Tariff number: 2909 44 00 90
- Applications: synthesis of organic products, solvents, manufacturing of synthetic resins, manufacture of dyes.

ET0180 Ethylene glycol monoethyl ether, EssentQ®   

assay (G.C.) min. 99 %
 identity (IR-spectrum) passes test
 density (20°/4°) 0,929 - 0,931
 peroxides (as H₂O₂) max. 0,005 %

residue on evaporation max. 0,005 %
 water (K.F.) max. 0,2 %

ART. NO.	VOLUME	CONTAINER
ET01801000	1 l	
ET0180005P	5 l	