

<b>S.C. PRODALCOM S.A.</b> <b>Botoșani</b> Pushkin str. no. 129  Tel.: 0231/534672, Fax: 0231/534164	DATA SHEET		Code: FTh-BT-24/2014	
	<b>DENATURED ETHYL ALCOHOL</b> <b>with 1,2-propanediol and tert- butanol</b>		Ed. 2, Rev. 1	Pag. 1/1
			Revision date: 25.01.2021	

**Trade name:** denatured ethyl alcohol with 1,2-propanediol and tert-butanol.

**Company standard:** SF BT 24/2014

**Product description:** ethyl alcohol of agricultural origin and denatured according to point 111, paragraph (3), letter (a), GD 44/2004 Norms for the application of the Fiscal Code.

**Use:** - cosmetic industry (perfumes, deodorants, mouthwash, soaps, various creams and lotions, etc.); biocides (hand and surface disinfectants).

**Composition:** - ethyl alcohol of agricultural origin;  
- denaturants: - 1,2-propanediol (CAS 57-55-6), 2 litres of pure chemical/hectolitre of pure ethyl alcohol;  
- tert-butanol (CAS 75-65-0), 80 g of pure chemical/hectolitre of pure ethyl alcohol.

**Physiochemical properties** (according to EC Reg. 110/2008, Annex 1 and GD 44/2004 Norms for the application of the Fiscal Code):

No	Feature	Conditions of admissibility	Method of analysis
1.	Organoleptic properties: - aspect - colour - smell	- clear liquid - colourless - characteristic	SR 184-1:2001
2.	Ethyl alcohol concentration % vol., 20 <sup>0</sup> C	min. 94.0 %	GC
3.	Density 200C, g/cm <sup>3</sup>	0,796 – 0,81	SR 184-2:2010
4.	1,2-Propanediol, pure chemical litre/hl aa*	2 ÷ 2,2	GC
5.	Tert-butanol, pure chemical g/hl aa*	80 ÷ 88	GC
6.	Total acidity, acetic ac.g./hl aa *	Max. 1,5	SR 184-5:1997
7.	Esteri, ethyl acetate g/hl aa*	Max. 1,3	SR 184-6:1997
8.	Methyl alcohol, g/hl aa*	Max. 30	SR 184-10:2009
9.	Aldehydes, acetic ald. g/hl aa*	Max. 0,5	SR 184-7:2009

Note: \*) – pure anhydrous ethyl alcohol, 100%

**Safety:** it is an inflammable product. For more information, please refer to the Safety Data Sheet.

**Packaging form:** bulk, delivery by tanker or other containers according to customer's request.

**Storage conditions:** the denatured ethyl alcohol product should be stored in closed tanks, made of stainless steel or other compatible materials, clean and dry, in ventilated rooms, away from heat and fire sources.

**Term of validity:** 3 years, subject to storage conditions.