

GENERAL INFORMATION	
Product Classification	Denatured Ethyl Alcohol 96%
Customs HS Code	220720
Producer	Green Energy Chemicals
Raw Material	GMO-Free Corn
Packaging Types	Tank Truck, IBC
Product Description	Denatured 96% Ethyl Alcohol is produced from agricultural origin by dry milling process, mixed with tert-butanol and denatonium benzoate.

PHYSICAL PROPERTIES	METHOD	SPECIFICATION
Color and/or Clarity	EC 2870/2000 Visually	Colorless and clear
Odour	EC 2870/2000 Organoleptic	Characteristic
Water Miscibility	ISO 1388-6	Miscible with water

PARAMETERS	METHOD	UNIT	SPECIFICATION
Alcohol Content	EC 2870/2000	%v/v	Min. 96 %
Density at 20 °C	EC 2870/2000	g/ml	Max. 0,807
Permanganate Time (20 °C)	ISO 1388-12	minute	Min. 25
Aldehydes, as Acetaldehyde	EC 2870/2000	ppm	Max. 2
Higher Alcohols, as 2 methylpropan-1-ol	EC 2870/2000	ppm	Max. 5
Total Acidity, as Acetic acid	EC 2870/2000	ppm	Max. 3
Esters, as Ethyl Acetate	EC 2870/2000	ppm	Max. 3
Volatile Nitrogen Bases, as N	EC 625/2003	ppm	Max. 1
Methanol	EC 2870/2000	ppm	Max. 5
Furfural (within 20 minutes)	EC 625/2003	ppm	Not detectable
Dry Residue / Residue on Evaporation or Non-volatile Residue	EC 2870/2000	ppm	Max. 15
Benzene	European Pharmacopoeia	ppm	Max. 2
Total of other impurities (4-methylpentan-2-ol)	European Pharmacopoeia	ppm	Max. 300
Tert-Butanol (TBA)	EN 15721	g/hl p.a.	Min. 78
Denatonium Benzoate	ASTM D7304-22A	g/hl p.a.	Min. 0,8

Product Composition and Labeling

Denatured Ethyl Alcohol. Labeling information is stated on the package

Regulatory Status

This product complies with;

- Regulation on Procedures and Principles Regarding the Production, Internal and External Trade of Ethyl Alcohol and Methanol
- TS 1810 – Ethyl alcohol, pure for industrial use (Grade 1 – Pharmaceutical, Spirit Drinks, Food, and Cosmetics Industries)

Storage & Distribution

Store in a cool, dry place out of direct sunlight. Store in tightly closed container. Store in a well-ventilated place. Keep in an area equipped with sprinklers. Store away from incompatible materials.

It is transported with vehicles that have an ADR Conformity Certificate and a Vehicle Conformity Certificate in accordance with the Regulation on the Transport of Dangerous Goods by Road published in the Official Gazette dated June 18, 2022, and numbered 31870.

Allergen & GMO Status

This product is allergen free and GMO free. This products complies with;

- Substances or Products Causing Allergies or Intolerances listed in Regulation (EU) No 1169/2011 of the European Parliament and of the Council of 25 October 2011 on the provision of food information to consumers
- Regulation (EC) No 1829/2003 of the European Parliament and of the Council of 22 September 2003 on genetically modified food and feed
- Regulation (EC) No 1830/2003 of the European Parliament and of the Council of 22 September 2003 concerning the traceability and labelling of genetically modified organisms and the traceability of food and feed products produced from genetically modified organisms and amending Directive 2001/18/EC

Intended Use

General purpose, aerosols, sanitizer, cosmetics, personal hygiene, etc. Not suitable for human consumption.

Origin

Turkey