



The whole world of food ingredients

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Dear Sirs/Madams,

[Vito-House](#) is part of an international food distribution group [Bestseller](#).

We are constantly developing the distribution network of our products and invite distributors, wholesalers, a chain of supermarkets and beverage manufacturers to cooperate. For our part, we offer consistently low prices, a flexible system of discounts, marketing support, product credit with guarantees. Below you can find our offer for the trial supply of high-quality Rectified ethyl alcohol.

PRICE FOR PARTNERS

Product	Rectified ethyl alcohol from food raw materials 96% (Ethanol)
Scope of application	Ethyl alcohol is intended for further industrial processing and for the production of alcoholic beverages.
Packaging	Filling, tank container
Delivery terms:	FOB Novorossiysk, tank container 24 000 L (20`)
Payment terms	100% prepayment
Price USD/L	1,12

We are sure that our products of excellent quality and at a reasonable price will occupy a leading position in your sales!

Best regards,
Leading Export Specialist
Mrs. Anastasiia Nesterenko
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more than **20 000** products
from more than **300** manufacturers

Safety Data Sheet (SDS)

Prepared in compliance with Regulation (EU) № 453/2010,
(EU) № 1272/2008

Version 1.1 Revision Data 30.03.2020

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SECTION 1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

1.1. Product identifier

Trade name: **Rectified ethyl alcohol from food raw materials. GOST 5962-2013**

Name: Rectified ethyl alcohol from food raw materials, varieties: first grade, highest purification, "Basis", "Extra", "Lux", "Alpha". GOST 5962-2013

Synonyms: Ethanol.

1.2. Relevant identified uses of the substance or mixture and uses advised against

Ethyl alcohol is intended for further industrial processing and for the production of alcoholic beverages.

1.3. Details of the supplier of the safety data sheet

Provider: BS EUROPE OU

1.4. Emergency telephone number:

Emergency Contact Line: 112 (Russia, EU), 911 (USA).

SECTION 2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification	According to Regulation (EU) №1272/2008 (CLP)
Hazards for humans:	Flam. Liq. 2, Eye Irrit. 2
for environment:	Not classified

2.2. Label elements (label according to Regulation (EU) №1272/2008 as amended)



Pictogram:

Signal word: Danger

Hazard statements:

H225: Highly flammable liquid and vapour.

H319: Causes serious eye irritation.

Precautionary statements:

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P240: Ground and bond container and receiving equipment.

P241: Use explosion-proof equipment.

P242: Use non-sparking tools.

P243: Take actions to prevent static discharges.

P280: Wear protective gloves, protective clothing and eye protection.

P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313: If eye irritation persists: Get medical advice/attention.

P403+P235: Store in a well-ventilated place. Keep cool.

P501: Dispose of contents/container in accordance with local and national regulations.

2.3. Other hazards

Physical hazards: Not classified for physical hazards.

Specific hazards: Not available.

Main symptoms: See Sections 11 of the MSDS

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

3.1. Substances

IUPAC name: Ethanol

Chemical formula: C₂H₆O

Chemical Name	Weight, %	CAS №	EC №	Classification of the substance
Ethanol	> 96.0	64-17-5	200-578-6	H225, H319

SECTION 4. FIRST-AID MEASURES

4.1. Description of first aid measures

General advice:

Consult a physician. Show this safety data sheet to the doctor in attendance.

Inhalation:

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

Skin contact:

Wash off with soap and plenty of water. Remove contaminated clothing. Consult a physician.

Eye contact:

Flush eyes with running water immediately while holding the eyelids open for at least 15 minutes and consult a physician.

Ingestion:

Drink plenty of water, strong tea, alkaline solutions (4% solution of drinking soda). Never give anything by mouth to an unconscious person. Consult a physician.

4.2. Most important symptoms and effects, both acute and delayed

Inhalation - cough, headache, dizziness, drowsiness, impaired coordination of movements. Ingestion - dizziness, impaired coordination of movements, confusion, vomiting, drowsiness; in severe cases - loss of consciousness, complete anesthesia, cyanosis of the skin and mucous membranes, shallow breathing.

SECTION 5. FIRE-FIGHTING MEASURES

General fire hazards: Flammable liquid

5.1. Extinguishing media

Suitable extinguishing media: Dry chemical, alcohol foam, all purpose AFFF, carbon dioxide or water spray.

Unsuitable extinguishing media: None

5.2. Special hazards arising from the substance or mixture

Combustion products: Carbon oxides.

5.3. Advice for fire fighters

Special precautions for firefighters: Small fires should be extinguished with sand, a dry powder extinguisher or carbon dioxide extinguisher; large fires should be extinguished with a foam jet from a maximum distance. If possible, remove containers with product from fire area.

Special protective equipment for firefighters: Wear self-contained breathing apparatus for firefighting if necessary.

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

The use of personal protection measures is recommended - see Section 8 of the MSDS.

Contact emergency services where appropriate. Use personal protective equipment. Clear area of all unprotected personnel; do not smoke.

6.2. Environmental precautions

Sealing equipment and packaging. Observe the technological mode.

6.3. Methods and material for containment and cleaning up

Eliminate leakage with caution. Siphon the contents into a working dry container. Protect the straits with an earthen rampart, fill it with inert material, collect and send for disposal or burial.

6.4. Reference to other sections

See also Sections 8 and 13 of the MSDS.

SECTION 7. HANDLING AND STORAGE

7.1 Precautions for safe handling

General Precautions:

Provide appropriate exhaust ventilation. Before use carefully read the product label. Use of safe work practices. Observe good personal hygiene, including washing hands before eating. For precautions, see section 2.2, 2.3.

7.2. Conditions for safe storage, including any incompatibilities

Ethyl alcohol is stored in steel tanks in specialized enclosed fireproof warehouses or on special planned asphalt and bunded sites. Tanks and reservoirs must be hermetically sealed with lids, have air vents equipped with safety valves with a fire fuse. Outdoor cisterns and tanks with alcohol must be sealed.

A small amount of alcohol can be stored in steel barrels, bottles or metal jars, carefully corked, sealed and sealed, under conditions for the storage of flammable liquids.

The barrels for storing alcohol in barrels should have awnings, rise above the surrounding area, be protected by an earthen rampart and a fireproof wall. Storage of alcohol in barrels in an open area without a canopy is not allowed.

The shelf life of alcohol is not limited.

It is strictly forbidden to store ethyl alcohol in alcohol storages and in reception areas with fire and explosive materials.

7.3. Specific end use(s)

None.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Control parameters

Ethanol: 1000 ppm (1900 mg/m³) TWA (NIOSH REL).

8.2. Exposure controls

Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Personal protective equipment

Eye/face protection

Use safety glasses if necessary. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).

Skin protection

Handle with gloves from nitrile rubber with a thickness of at least 0.11 mm. Gloves must be inspected prior to use. Wash and dry hands.

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

This recommendation is advisory only and must be evaluated by an industrial hygienist and safety officer familiar with the specific situation of anticipated use by our customers. It should not be construed as offering an approval for any specific use scenario.

Body Protection

Type of protective clothing must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

In emergency situations use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Environmental controls:

Prevent product from entering water bodies, basements and sewers.

Thermal hazards:

Not applicable.

Hygiene measures:

Wash hands after handling. Routinely wash work clothing and protective equipment to remove contaminants. Handle in accordance with good industrial hygiene and safety practices. Follow upon any medical surveillance requirements.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance:	Liquid
Color:	Colorless
Odor:	Alcohol-like
PH:	Not available
Melting point/freezing point:	-114 °C
Initial boiling point and boiling range:	78.3 °C
Flash point:	13 °C
Evaporation rate:	Not available
Flammability (solid, gas) :	Not available
Burning time:	Not available
Upper/lower flammability or explosive limits:	3.3%-19% (V)
Vapour pressure:	Not available
Vapour density:	Not available
Density:	0.789-0.816 g/cm ³ at 25 °C
Solubility(ies) :	Soluble in water
Partition coefficient (n-octanol/water) :	log Pow: -0.1 at 25 °C
Self-ignition temperature:	404 °C

Decomposition temperature:	Not available
Viscosity:	Not available
Explosive properties:	None
Oxidizing properties:	None

SECTION 10. STABILITY AND REACTIVITY

10.1. Reactivity

No data available.

10.2. Chemical stability

The products are stable under normal conditions of transportation and storage.

10.3. Possibility of hazardous reactions

Under normal conditions hazardous reactions will not occur.

10.4. Conditions to avoid

Avoid overheating, sparks, open flame.

10.5. Incompatible materials

Alkali metals, ammonia, oxidizing agents, peroxides.

10.6. Hazardous decomposition products

Carbon oxides.

SECTION 11. TOXICOLOGICAL INFORMATION

11.1. Effect of Acute Exposure

Acute Toxicity

LD₅₀ = 3400 mg/kg, rat - Oral

LC₅₀ = 20000 ppm, rat, 4 h - Inhalation

LD₅₀ > 20000 mg/kg, rabbit - Dermal

Eyes and skin irritation

Causes serious eye irritation.

Not cause skin irritation.

Respiratory or skin sensitization:

Not classified.

Specific target organ toxicity - Single exposure:

Not classified.

11.2. Effects of chronic exposure

Repeated dose toxicity

Not available.

Specific target organ toxicity - Repeated exposure

Prolonged skin contact may cause dryness and dermatitis due to degreasing action.

Carcinogenicity

Not classified.

Mutagenicity:

Not classified.

Reproductive toxicity:

Not classified.

Embriotoxicity:

Not classified.

Teratogenicity:

Not classified.

SECTION 12. ECOLOGICAL INFORMATION

12.1. Aquatic Toxicity

LC₅₀ = 13 g/l, *Salmo gairdneri*, 96 h

EC₅₀ > 12.34 g/l, *Daphnia magna*, 48 h

NOEC > 10 mg/l, *Daphnia magna*, 21 d

12.2. Persistence and degradability

Biotic: Biodegradation potential: not applicable.

Activated sludge simulation test: not applicable.

Ablotic: Hydrolysis as pH function: does not occur

Photolysis/phototransformation: does not occur

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvP assessment

Chemical assessment was not conducted.

12.6. Other adverse effects

Toxic to aquatic life with long lasting effects.

SECTION 13. DISPOSAL CONSIDERATIONS

13.1. Waste disposal

Product

Waste and spilled should be collected in a sealed container and disposed in accordance with local regulations as a non-hazardous waste.

Contaminated packaging

Regulation (EU) № 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 3 as amended: Not listed.

Regulation (EU) № 689/2008 concerning the export and import of dangerous chemicals, Annex V as amended: Not listed.

Regulation (EU) № 166/2006 Annex II Pollutant Release and Transfer Registry: Not listed.

Regulation (EU) № 1907/2006, REACH Article 59(1) Candidate List as currently published by ECHA: Not listed.

Authorizations

Regulation (EU) № 143/2011 Annex XIV Substances Subject to Authorization: Not listed.

Restrictions on use

Regulation (EU) № 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use as amended: Not listed.

Directive 2004/37/EC: on the protection of workers from the risks related to exposure to carcinogens and mutagens at work: Not regulated.

Directive 92/85/EEC: on the safety and health of pregnant workers and workers who have recently given birth or are breastfeeding: Not regulated.

Other EU regulations

Directive 96/82/EC (Seveso II) on the control of major-accident hazards involving dangerous substances: Not regulated.

Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work: Not listed.

Directive 94/33/EC on the protection of young people at work: Not listed.

The product is classified and labelled in accordance with Regulation (EU) 1272/2008 (CLP Regulation) as amended and respective national laws implementing EU directives. This Safety Data Sheet complies with the requirements of Regulation (EU) №1907/2006. National regulations Follow national regulation for work with chemical agents.

15.2. Chemical safety assessment

Chemical safety assessment for this substance was not carried out.

SECTION 16. OTHER INFORMATION

Abbreviations and acronyms in the Safety Data Sheet

ACGIH = American Conference of Governmental Industrial Hygienists

CAS = Chemical Abstracts Service

vPvB = very Persistent, very Bioaccumulative (substance)

PBT = Persistent, Bioaccumulative and Toxic (substance)

PNEC = Predicted No Effect Concentration

DN(M)EL = Derived No Effect Level

LD₅₀ = Dose that will kill 50% of test animals

LC₅₀ = Concentration that will kill 50 % of test animals

LL₅₀ = Lethal Loading fifty

EC_x = Concentration at which x% inhibition of growth or growth rate is observed

OECD = Organisation for Economic Co-operation and Development

REACH = Registration Evaluation And Authorisation Of Chemicals

RID = Regulations concerning International Carriage of Dangerous Goods by Rail

ADR = European Agreement concerning the International Carriage of Dangerous Goods by Road

IMDG = International Maritime Transport of Dangerous Goods

IATA = International Air Transport Association

IARC = International Agency for Research on Cancer

UVCB = Unknown substances, of Variable Composition, or of Biological origin

ECHA = European Chemicals Agency

EINECS = The European Inventory of Existing Commercial Chemical Substances

References:

Legal provisions quoted in Sections 2 – 15 of the Safety Data Sheet. Substance chemical safety report.

List of applicable R-phrases, hazard statements, safety phrases or precautionary statements not specified in whole in Sections 2-15 of the Safety Data Sheet:

None.

Advice on training for employees:

Unspecified.

The above information is based on our current knowledge and experience. It is not a guarantee of any properties of the product or its quality specifications and it may not provide a basis for any complaint. The product should be transported, stored and used in compliance with applicable laws and regulations, good practices and the rules of occupational hygiene. The information presented is not applicable to mixtures of the product with other substances. The use of the information provided, as well as the use of the product, is not controlled by the manufacturer, and thus it is the User's obligation to create suitable conditions for safe handling of the product.

Users should be aware that we are not responsible for any incorrect use of our product other than as recommended by us.