

SECTION 1: Identification

Product Name: Ethanol Absolute
Product Synonyms: Absolute alcohol, Ethyl alcohol, Ethyl hydrate, Hydroxyethane
Product Code: CH-01-1001
Chemical Formula: C₂H₆O
Molecular Weight: 46.069 g/mol
CAS-No: 64-17-5
UN No: 1170
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SECTION 2: Hazard(s) Identification

Hazard Classification according to Regulation (EC) No 1272/2008: H225 - Flammable liquids (Category 2),
H319 - Eye irritation (Category 2),

Signal Word(s): Danger

Hazard Statements: H225 - Highly flammable liquid and vapor.
Causes serious eye irritation.

Pictograms:



Precautionary Statements: P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233 - Keep container tightly closed.
P240 - Ground and bond container and receiving equipment.
P241 - Use explosion-proof electrical/ ventilating/ lighting/ equipment.
P242 - Use non-sparking tools.
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

SECTION 3: First-Aid Measures

After Inhalation:	Fresh air.
After Skin Contact:	Take off immediately all contaminated clothing. Rinse skin with water/ shower.
After Eye Contact:	Rinse out with plenty of water. Call in ophthalmologist. Remove contact lenses.
After Swallowing:	Immediately make victim drink water (two glasses at most). Consult a physician.

SECTION 4: Fire-Fighting Measures

Suitable extinguishing agents:	Water Foam Carbon dioxide (CO ₂) Dry powder.
Special hazards arising from the substance or mixture:	Carbon oxides. Combustible. Pay attention to flashback. Vapors are heavier than air and may spread along floors. Development of hazardous combustion gases or vapors possible in the event of fire. Forms explosive mixtures with air at ambient temperatures.
Advice for firefighters:	In the event of fire, wear self-contained breathing apparatus.

SECTION 5: Handling and Storage

Precautions for safe handling:	Keep away from open flames, hot surfaces and sources of ignition. Take precautionary measures against static discharge. Change contaminated clothing. Wash hands after working with substance.
Conditions for safe storage, including any incompatibilities:	Keep container tightly closed in a dry and well-ventilated place. Keep away from heat and sources of ignition.

Section 6: Other Information

Disclaimer:

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. **Za Chem and its Affiliates** shall not be held liable for any damage resulting from handling or from contact with the above product.