

## SECTION 1: Identification

**Product Name:** Methanol 99.9%  
**Product Synonyms:** Methyl alcohol, Methylene hydrate, Hydroxymethane, Carbinol  
**Product Code:** CH-01-1005  
**Chemical Formula:** CH<sub>3</sub>OH  
**Molecular Weight:** 32.04 g/mol  
**CAS-No:** 67-56-1  
**UN No:** 1230  
**Company:** Tree Chem for Trading & Agencies Ltd.  
**Telephone/Fax:** (+202) 27934799  
**E-mail address:** info@za-chem.com

## SECTION 2: Hazard(s) Identification

**Hazard Classification according to Regulation (EC) No 1272/2008:** H225 - Flammable liquids (Category 2)  
H301 - Acute toxicity, Oral (Category 3)  
H331 - Acute toxicity, Inhalation (Category 3)  
H311 - Acute toxicity, Dermal (Category 3)  
H370 - Specific target organ toxicity - single exposure (Category 1), Eyes

**Signal Word(s):** Danger

**Hazard Statements:** H225 Highly flammable liquid and vapor.  
H301 + H311 + H331 Toxic if swallowed, in contact with skin or if inhaled.  
H370 Causes damage to organs (Eyes).

**Pictograms:**



**Precautionary Statements:** P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P233 Keep container tightly closed.  
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection/ hearing protection.  
P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.  
P303 + P361 + P533 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.  
P304 + P340 + P311 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/ doctor.

### SECTION 3: First-Aid Measures

**General advice** First aiders need to protect themselves. Show this material safety data sheet to the doctor in attendance.

**After Inhalation:** After inhalation: fresh air. Immediately call in physician. If breathing stops: immediately apply artificial respiration, if necessary also oxygen.

**After Skin Contact:** In case of skin contact: Take off immediately all contaminated clothing. Rinse skin with water/ shower. Call a physician immediately.

**After Eye Contact:** After eye contact: rinse out with plenty of water. Call in ophthalmologist. Remove contact lenses.

**After Swallowing:** After swallowing: fresh air. Make victim drink ethanol (e.g.1 drinking glass of a 40% alcoholic beverage). Call a doctor immediately (mention methanol ingestion). Only in exceptional cases, if no medical care is available within one hour, induce vomiting (only in fully conscious persons) and make victim drink ethanol again (approx. 0.3 ml of a 40% alcoholic beverage/kg body weight/hour).

## SECTION 4: Fire-Fighting Measures

<b>Suitable extinguishing agents:</b>	Foam Carbon dioxide (CO <sub>2</sub> ) Dry powder Water Carbon oxides.
<b>Unsuitable extinguishing media</b>	For this substance/mixture no limitations of extinguishing agents are given.
<b>Special hazards arising from the substance or mixture:</b>	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.
<b>Advice for firefighters:</b>	Stay in danger area only with self-contained breathing apparatus. Prevent skin contact by keeping a safe distance or by wearing suitable protective clothing.
<b>Further information</b>	Remove container from danger zone and cool with water. Prevent fire extinguishing water from contaminating surface water or the ground water system.

## SECTION 5: Handling and Storage

<b>Precautions for safe handling:</b>	Work under hood. Do not inhale substance/mixture. Avoid generation of vapors/aerosols. Keep away from open flames, hot surfaces and sources of ignition. Take precautionary measures against static discharge. Immediately change contaminated clothing. Apply preventive skin protection. Wash hands and face after working with substance.
<b>Conditions for safe storage, including any incompatibilities:</b>	Keep container tightly closed in a dry and well-ventilated place. Keep away from heat and sources of ignition. Keep locked up or in an area accessible only to qualified or authorized persons.

## 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.