

## SECTION 1: Identification

**Product Name:** Acetone 99.9%  
**Product Synonyms:** Propan-2-one, 2-Propanone, Dimethyl ketone  
**Product Code:** CH-01-1007, CH-01-1008  
**Chemical Formula:** C<sub>3</sub>H<sub>6</sub>O  
**Molecular Weight:** 50.080 g/mol  
**CAS-No:** 67-64-1  
**UN No:** 1090  
**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)  
H319 - Eye irritation (Category 2)  
H336 - Specific target organ toxicity - single exposure (Category 3), Central nervous system.

**Signal Word(s):** Danger

**Hazard Statements:** H225 Highly flammable liquid and vapor.  
H319 Causes serious eye irritation.  
H336 May cause drowsiness or dizziness.

**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

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| <b>General advice</b>      | Show this material safety data sheet to the doctor in attendance.                  |
| <b>After Inhalation:</b>   | Fresh air. Call in physician.  |
| <b>After Skin Contact:</b> | Take off immediately all contaminated clothing. Rinse skin with water/ shower.     |
| <b>After Eye Contact:</b>  | Rinse out with plenty of water. Call in ophthalmologist.<br>Remove contact lenses. |
| <b>After Swallowing:</b>   | Immediately make victim drink water (two glasses at most).<br>Consult a physician. |

## SECTION 4: Fire-Fighting Measures

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| <b>Suitable extinguishing agents:</b>                         | Carbon dioxide (CO <sub>2</sub> ) Foam Dry powder.  |
| <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> | Combustible.<br>Pay attention to flashback.<br>Vapors are heavier than air and may spread along floors.<br>Development of hazardous combustion gases or vapors possible in the event of fire.<br>Forms explosive mixtures with air at ambient temperatures. |
| <b>Advice for firefighters:</b>                               | In the event of fire, wear self-contained breathing apparatus.  |
| <b>Further information</b>                                    | Remove container from danger zone and cool with water.<br>Prevent fire extinguishing water from contaminating surface water or the ground water system.   |

## SECTION 5: Handling and Storage

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| <b>Precautions for safe handling:</b>                                | Avoid generation of vapors/aerosols.<br><br>Keep away from open flames, hot surfaces and sources of ignition. Take precautionary measures against static discharge.<br><br>Change contaminated clothing. Preventive skin protection recommended. Wash hands after working with substance. |
| <b>Conditions for safe storage, including any incompatibilities:</b> | Protected from light. Keep container tightly closed in a dry and well-ventilated place. Keep away from heat and sources of ignition.<br>Store at +5°C to +30°C.   |

## 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.