



# MATERIAL SAFETY DATA SHEET (MSDS)

## 1,2-Dimethylcyclohexanol

Identification of Substance	
Product Name	<u>1,2-Dimethylcyclohexanol</u>
Manufacturer	Caspian Chemistry Co
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### 1. Identification

Product Name: 1,2-Dimethylcyclohexanol

Chemical Family: Cycloaliphatic Alcohol

Recommended Use: Industrial chemical intermediate, solvent

Restrictions on Use: Professional and industrial use only

### 2. Hazard Identification (GHS)

Classification:

- Flammable Liquid – Category 4
- Skin Irritation – Category 2
- Eye Irritation – Category 2A

Signal Word: Warning

Hazard Statements:

- Combustible liquid
- Causes skin irritation
- Causes serious eye irritation



### 3. Composition / Information on Ingredients

Chemical Name: 1,2-Dimethylcyclohexanol

Purity:  $\geq 95\%$

Impurities: Other dimethylcyclohexanol isomers, trace organics

### 4. First Aid Measures

Inhalation: Move to fresh air.

Skin Contact: Wash with soap and water.

Eye Contact: Rinse with water for 15 minutes.

Ingestion: Do not induce vomiting; seek medical advice.

### 5. Firefighting Measures

Extinguishing Media: Foam, CO<sub>2</sub>, dry chemical

Hazards: CO, CO<sub>2</sub>

Protective Equipment: SCBA

### 6. Accidental Release Measures

Eliminate ignition sources.

Absorb with inert material.

Prevent entry into drains.

### 7. Handling and Storage

Handle with ventilation.

Store sealed at 5–30 °C.

Keep away from oxidizers.

### 8. Exposure Controls / Personal Protection

PPE: Nitrile gloves, goggles, protective clothing

### 9. Physical and Chemical Properties

Appearance: Colorless to pale yellow liquid

Odor: Alcohol-like

Density: 0.90 – 0.93 g/cm<sup>3</sup>

Boiling Point: 185 – 195 °C

Flash Point: 65 – 75 °C



#### 10. Stability and Reactivity

Stable under normal conditions.  
Incompatible with strong oxidizers.

#### 11. Toxicological Information

May cause skin and eye irritation.  
Prolonged exposure may cause dryness.

#### 12. Ecological Information

Avoid environmental release.  
Limited data available.

#### 13. Disposal Considerations

Dispose according to local regulations.

#### 14. Transport Information

Not classified as dangerous goods under ADR / IMDG / IATA.

#### 15. Regulatory Information

Complies with general industrial chemical regulations.

#### 16. Other Information

The information herein is based on current technical knowledge and intended for professional use only.