



## MATERIAL SAFETY DATA SHEET (MSDS)

### 1. Identification

**Product Name:** o-Xylene  
**Chemical Name:** 1,2-Dimethylbenzene  
**CAS Number:** 95-47-6  
**UN Number:** 1307  
**HS Code:** 2902.41  
**Recommended Use:** Industrial solvent and chemical intermediate  
**Restrictions on Use:** Industrial use only

**Supplier:** Basekim Kimyasal Ürünler LTD  
**Address:**  
Turan Güneş Blvd., İlkbahar Mah.,  
Sinpaş Altınoran Tower 2, Floor 1, Unit 146  
Ankara, Turkey

**Transportation Emergency (Logistics):**  
Tel: +90 885 52 948

**Health Emergency:**  
Basekim Emergency Information Center – Ankara  
Tel: +90 (312) 514 70 55  
Alt: +90 (312) 514 70 81

**MSDS Requests:**  
Tel: +90 (312) 514 70 81

### 2. Hazard Identification

**Classification:**  
Flammable Liquid – Category 3  
Acute Toxicity (Inhalation) – Category 4

**Hazard Statements:**

- Flammable liquid and vapor
- Harmful if inhaled
- May cause dizziness or drowsiness

**Precautionary Statements:**

- Keep away from heat, sparks, open flames
- Use only with adequate ventilation



- Avoid breathing vapors

### 3. Composition / Information on Ingredients

Component	CAS No.	Concentration
o-Xylene	95-47-6	≥ 99.0 %

### 4. First Aid Measures

**Inhalation:**

Move person to fresh air. Seek medical attention if symptoms persist.

**Skin Contact:**

Wash with soap and water. Remove contaminated clothing.

**Eye Contact:**

Rinse cautiously with water for several minutes. Seek medical advice if irritation continues.

**Ingestion:**

Do NOT induce vomiting. Get medical attention immediately.

### 5. Firefighting Measures

**Suitable Extinguishing Media:**

Foam, dry chemical, CO<sub>2</sub>

**Hazards:**

Vapors may form explosive mixtures with air.

**Protective Equipment:**

Self-contained breathing apparatus and protective clothing.

### 6. Accidental Release Measures

- Eliminate ignition sources
- Provide ventilation
- Absorb with inert material (sand, earth)
- Prevent entry into drains and waterways

### 7. Handling and Storage

**Handling:**

Avoid inhalation and contact with skin and eyes.

**Storage:**

Store in tightly closed containers in a cool, well-ventilated area away from ignition sources.

## 8. Exposure Controls / Personal Protection

**Engineering Controls:**

Local exhaust ventilation recommended.

**Personal Protective Equipment:**

- Gloves (chemical resistant)
- Safety goggles
- Protective clothing
- Respiratory protection if ventilation is insufficient

## 9. Physical and Chemical Properties

Property	Value
Appearance	Clear, colorless liquid
Odor	Aromatic
Density (20 °C)	0.87 – 0.89 g/cm <sup>3</sup>
Boiling Point	~144 °C
Melting Point	~ -25 °C
Flash Point (CC)	~30 °C
Water Solubility	Insoluble

## 10. Stability and Reactivity

**Stability:** Stable under normal conditions

**Incompatible Materials:** Strong oxidizers

**Hazardous Decomposition:** Carbon monoxide, carbon dioxide

## 11. Toxicological Information

- Inhalation may cause headache, dizziness, nausea
- Prolonged exposure may affect central nervous system



## 12. Ecological Information

- Toxic to aquatic organisms
- Avoid release to the environment

## 13. Disposal Considerations

Dispose according to local, regional, and national regulations. Do not discharge into sewers.

## 14. Transport Information

UN Number: 1307  
Proper Shipping Name: Xylenes  
Class: 3  
Packing Group: III  
IMDG / ADR / RID: Applicable

## 15. Regulatory Information

This product complies with applicable chemical safety and transport regulations.

## 16. Other Information

This MSDS is provided for information purposes only and does not constitute a guarantee of product properties.