



## TECHNICAL DATA SHEET

Product: o-Xylene  
Chemical Name: 1,2-Dimethylbenzene  
CAS No.: 95-47-6  
HS Code: 2902.41

### Product Overview

o-Xylene is an aromatic hydrocarbon obtained from petroleum refining and aromatic separation processes. It is mainly used as a chemical intermediate and industrial solvent. The product is supplied in liquid form and is suitable for industrial and commercial applications.

### Specifications

Item	Value
Appearance	Clear, colorless liquid
Odor	Typical aromatic odor
Purity	Min. 99.0 %
Density @ 20 °C	0.87 – 0.89 g/cm <sup>3</sup>
Boiling Point	Approx. 144 °C
Melting Point	Approx. –25 °C
Flash Point (CC)	Approx. 30 °C
Water Solubility	Insoluble
Solubility	Soluble in most organic solvents

### Applications

- Feedstock for Phthalic Anhydride production
- Solvent in paints, coatings, and resins
- Adhesives and rubber industry



## Handling & Storage

- Store in sealed containers in a cool, dry, and well-ventilated area
- Keep away from heat sources and ignition points
- Avoid prolonged inhalation of vapors
- Use appropriate personal protective equipment during handling

## Packaging

- Steel Drums
- IBC Tanks
- ISO Tanks for bulk shipments

Packaging type and net weight can be arranged based on customer request.

## Transportation

- UN No.: 1307
- Hazard Class: 3
- Packing Group: III

Transport according to ADR / IMDG / RID regulations.

## Shelf Life

24 months under proper storage conditions.

## Remarks

This product is intended for industrial use only. Detailed safety and regulatory information is available in the MSDS.