



# SWADESH(INDIA) CHEMICAL PVT.LTD.

## MATERIAL SAFETY DATA SHEET (MSDS)

### 1. PRODUCT NAME AND COMPANY IDENTIFICATION

**Product Name:**

- **MIX XYLENE**
- **Synonyms:** Xylol, Dimethylbenzene, Xylene Isomer Mix

**Manufacturer/Supplier:**

**Swadesh (India) Chemical Pvt. Ltd.**

**Address:**

Survey No: 512, Plot No. 7,  
Shri Hari Industrial Park,  
Kadadra Village, Near ZAK GIDC,  
Dehgam, Gandhinagar, Gujarat, India – 382330

**Contact:**

- Email: [business@swadeshindia.in](mailto:business@swadeshindia.in)
- Website: [www.swadeshindia.in](http://www.swadeshindia.in)

**Recommended Use:**

- Solvent for paints, coatings, adhesives, printing, and chemical synthesis.

### 2. COMPOSITION/INGREDIENT INFORMATION

Component	CAS No.	Concentration (%)
m-Xylene	108-38-3	40-65%

**Additional Notes:**

- <1% toluene, benzene (if present).



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## 3. HAZARDS IDENTIFICATION

### GHS Classification:

- Flammable Liquid (Category 2, H225)
- Skin Irritant (Category 2, H315)
- Eye Irritant (Category 2A, H319)
- Aspiration Hazard (Category 1, H304)
- Central Nervous System Depression (H336)

### Hazard Statements (H-Codes):

- Highly flammable liquid and vapor.
- Causes skin and eye irritation.
- May be fatal if swallowed and enters airways.

### Precautionary Statements (P-Codes):

- P210: Keep away from heat/sparks/open flames.
- P301+P310: IF SWALLOWED: Call poison center immediately.
- P331: Do NOT induce vomiting.

## 4. FIRST AID MEASURES

- **Inhalation:** Move to fresh air; no treatment usually needed.
- **Skin Contact:** Wash with soap and water.
- **Eye Contact:** Rinse gently with water for 15 mins; seek medical advice if irritation persists.
- **Ingestion:** Do NOT induce vomiting. Seek medical attention if aspirated.

## 5. FIRE FIGHTING MEASURES

- Extinguishing Media: Foam, CO<sub>2</sub>, dry chemical.
- Flash Point: 25-27°C (closed cup).
- Autoignition Temp.: 464°C.
- Explosion Limits: 1.1–7.0% (v/v in air).



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## 6. ACCIDENTAL RELEASE MEASURES (STEPS FOR SPILLS)

- Personal Precautions: Wear PPE (gloves, goggles).
- Containment: Use sand or inert absorbent.
- Environmental: Prevent entry into drains/soil..

## 7. HANDLING AND STORAGE

- **Handling:**
  - Use in well-ventilated areas; ground containers.
- **Storage:**
  - Store in a flammable liquid cabinet away from oxidizers.

## 8. EXPOSURE CONTROL/PERSONAL PROTECTION

- **Engineering Controls:** local exhaust ventilation
- **PPE:**
  - **Respiratory:** Organic vapor respirator (if ventilation is inadequate).
  - **Gloves:** Nitrile or neoprene.
  - **Eye Protection:** Chemical goggles.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Property	Value
Appearance	Clear, colorless oil
Odor	Sweet, aromatic
Boiling Point	137-140°C
Density	0.86-0.87 g/cm <sup>3</sup> (20°C)
Solubility	Insoluble in water



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## 10. STABILITY AND REACTIVITY

### Chemical Stability:

- Stable under recommended conditions

### Incompatible Materials:

- Strong oxidizers (e.g., nitric acid).

## 11. TOXICOLOGICAL INFORMATION

### Acute Toxicity:

- LC<sub>50</sub> (rat): ~5,000 mg/kg.

### Inhalation Effects:

- Dizziness, headache (TWA: 100 ppm).

## 12. ECOLOGICAL INFORMATION

- **Biodegradability:** Slow
- **Aquatic Toxicity:** LC<sub>50</sub> (Fish): 10-100 mg/L.

## 13. DISPOSAL CONSIDERATIONS

### Waste Disposal:

- Dispose as hazardous waste per local regulations.

## 14. TRANSPORT INFORMATION

### DOT/IMO/IATA:

- Non-hazardous for transport



# SWADESH(INDIA) CHEMICAL PVT.LTD.

## 15. REGULATORY INFORMATION

### India:

- Compliant with CPCB regulations

### International:

- REACH registered
- OSHA compliant

## 16. ADDITIONAL INFORMATION

**Revision Date :**20/04/24

**Disclaimer:** This MSDS is provided for informational purposes only. Users should make their own determination of suitability for any particular purpose.