

## 化 学 品 安 全 技 术 说 明 书

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### MSDS标题

4-氟邻二甲苯安全技术说明书

### 产品标题

3, 4-二甲基氟苯

### CAS号

452-64-2

### 化学品及企业标识

- 化学品名称: 二乙二醇单苯醚
- 化学式: C<sub>10</sub>H<sub>14</sub>O<sub>3</sub>
- CAS号: 104-68-7
- 分子量: 182.22 g/mol
- 供应商信息:

公司名称: 山东西亚化学有限公司

地址: 山东省临沂市临沭县经济开发区朝阳路

联系电话: 0539-6365991

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### 成分及组成信息

- Chemical Identity: ≥99% Diethylene Glycol Monophenyl Ether
- Impurities: <1% Ethylene glycol/phenol derivatives

### 危险性质描述

- GHS Classification:
  - Eye Irritation (Category 2B)

- Skin Irritation (Category 2)
- Hazardous to Aquatic Environment (Chronic Category 3)
- Signal Word: Warning
- Hazard Statements:
  - H319: Causes serious eye irritation.
  - H315: Causes skin irritation.
  - H411: Toxic to aquatic life with long-lasting effects.

## 急救措施

- Inhalation: Move to fresh air. Seek medical attention if symptoms persist.
- Skin Contact: Wash with soap and water. Remove contaminated clothing.
- Eye Contact: Rinse immediately with water for 15 minutes. Consult ophthalmologist.
- Ingestion: Do NOT induce vomiting. Rinse mouth and drink water. Seek medical help.

## 消防措施

- Extinguishing Media: CO<sub>2</sub>, dry chemical, or foam.
- Hazardous Combustion Products: CO, CO<sub>2</sub>, phenolic compounds.
- Protection for Firefighters: Wear self-contained breathing apparatus (SCBA).

## 泄露应急处理

- Small Spills: Absorb with inert material (e.g., sand). Dispose as hazardous waste.
- Large Spills: Contain with barriers. Prevent entry into waterways.

## 处理和储存

- Handling: Use in well-ventilated areas. Avoid contact with eyes/skin.
- Storage: Keep in tightly closed containers away from oxidizers. Store at <30°C.

## 接触控制

- PPE:
  - Gloves: Nitrile or neoprene.
  - Eye Protection: Chemical goggles.
  - Ventilation: Local exhaust recommended.
- TLV: Not established. Use ALARA principles.

## 理化特性

- Appearance: Colorless to pale yellow liquid

- Odor: Mild, characteristic
- Boiling Point: 285°C
- Flash Point: 160°C (closed cup)
- Density: 1.10 g/cm³ (20°C)
- Solubility: Miscible with most organic solvents, partially soluble in water.

## 稳定性和反应活性

- Chemical Stability: Stable under normal conditions.
- Incompatible Materials: Strong oxidizers, acids.
- Hazardous Decomposition: Thermal degradation may release phenols.

## 毒理学信息

- Acute Toxicity: LD<sub>50</sub> (oral, rat) > 2000 mg/kg (low acute toxicity).
- Skin Corrosion/Irritation: May cause redness and itching.
- Ecotoxicity: LC<sub>50</sub> (fish, 96h) > 100 mg/L.

## 生态学资料

- Persistence: Readily biodegradable (OECD 301F).
- Bioaccumulation: Log Pow = 1.2 (low potential).

## 废弃处理

- Dispose via licensed hazardous waste facility. Do not pour into drains.

## 运输信息

- UN Number: Non-hazardous for transport (non-regulated per TDG/ADR).

## 法规信息

- REACH: Registered under EC No. 203-628-5.
- US EPA: Listed on TSCA Inventory.

## 其他信息

- Revision Date: [Date]
- Disclaimer: Data provided for guidance only. User responsibility to verify compliance.

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