

## 化学品安全技术说明书

填表时间 2020-03-09

打印时间 2026-03-20

### MSDS标题

(E)-3-(4-叔丁基苯磺酰基)丙烯腈安全技术说明书

### 产品标题

(E)-3-((4-(叔丁基)苯基)磺酰基)丙烯腈;(E)-3-(4-叔丁基苯磺酰基)丙烯腈

### CAS号

196309-76-9

### 化学品及企业标识

- 化学品名称: 4-(二氟甲氧基)苯甲酸
- 化学式  $C_8H_6F_2O_3$
- CAS号: 4837-20-1
- 分子量  $188.13 \text{ g/mol}$
- 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  
电子邮件 [sales@xiyashiji.com](mailto:sales@xiyashiji.com)

### 成分及组成信息

- GHS Classification:
- Skin Irritation (Category 2, H315)
- Eye Irritation (Category 2A, H319)
- Acute Toxicity (Oral) (Category 4, H302)
- Signal Word: \*Warning\*
- Hazard Statements:
- H302: Harmful if swallowed.
- H315: Causes skin irritation.
- H319: Causes serious eye irritation.

- Precautionary Statements:
- P264: Wash hands thoroughly after handling.
- P280: Wear protective gloves/eye protection.
- P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes.

## 危险性描述

- Product Name: 4-(Difluoromethoxy)benzoic acid
- CAS No.: [需补充具体CAS号]
- EC No.: [需补充EC号]
- Molecular Formula:  $C_8H_6F_2O_3$
- Molecular Weight: 188.13 g/mol
- Supplier: [供应商名称及联系方式]
- Emergency Tel.: [应急联系电话]

## 急救措施

- Chemical Name: 4-(Difluoromethoxy)benzoic acid
- Purity:  $\geq 98\%$  (典型值, 需根据实际调整)
- Impurities: [列明已知杂质, 如未纯化前的副产物]

## 消防措施

- 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 plenty of water (15 minutes). Consult ophthalmologist.
- Ingestion: Rinse mouth. Do NOT induce vomiting. Seek medical help.

## 泄露应急处理

- Extinguishing Media:  $CO_2$ , dry chemical, or foam.
- Hazardous Combustion Products: HF (hydrogen fluoride), CO,  $CO_2$ .
- Protective Equipment: Wear self-contained breathing apparatus (SCBA).

## 处理和储存

- Personal Precautions: Wear PPE (gloves, goggles, respirator if dust is generated).
- Containment: Collect spilled material in sealed containers.
- Environmental Precautions: Prevent entry into drains or waterways.

## 接触控制

- Handling: Use in well-ventilated areas. Avoid dust formation.
- Storage: Store in a cool, dry place in tightly closed containers. Keep away from oxidizers.

## 理化特性

- Occupational Exposure Limits: No specific OEL established. Treat as hazardous dust.
- Engineering Controls: Local exhaust ventilation.
- PPE:
- Gloves: Nitrile or neoprene.
- Eye Protection: Chemical goggles.
- Respiratory Protection: N95 mask if airborne particles are present.

## 稳定性和反应活性

- Appearance: White to off-white crystalline powder.
- Melting Point: ~100-105°C (需实验确认)
- Boiling Point: [需补充]
- Solubility: Slightly soluble in water; soluble in organic solvents (e.g., methanol, DMSO).
- pH: ~3-5 (1% aqueous suspension)

## 毒理学信息

- Stability: Stable under recommended storage conditions.
- Incompatible Materials: Strong bases, strong oxidizers.
- Hazardous Decomposition: Thermal decomposition may release HF.

## 生态学资料

- Acute Toxicity: LD50 (oral, rat) estimated >500 mg/kg (数据需实验补充).
- Irritation: Skin/eye irritation potential based on structural analogs.
- Sensitization: No data available.

## 废弃处理

- Ecotoxicity: No data. Assume harmful to aquatic life (persistence/bioaccumulation potential low).
- Persistence: Likely biodegradable (需实验确认).

## 运输信息

- Disposal Method: Incineration in a licensed facility or chemical waste disposal.
- Local Regulations: Follow EPA, EU Directive 2008/98/EC.

## 法规信息

- UN Number: Non-hazardous for transport (需根据实际测试确认).
- Shipping Name: Not regulated.
- Packing Group: III (if applicable).

## 其他信息

- REACH: Registered if manufactured/imported in EU >1 t/y.
- TSCA: Listed (需确认).
- China Inventory: Included (需确认).

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