

化 学 品 安 全 技 术 说 明 书

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MSDS标题

2-氨基-5-乙基苯甲酸安全技术说明书

产品标题

2-氨基-5-乙基苯甲酸

CAS号

2475-82-3

化学品及企业标识

- 化学品名称: 2-氨基-5-乙基苯甲酸
- 化学式 $\text{C}_9\text{H}_{11}\text{NO}_2$
- CAS号: 2475-82-3
- 分子量 165.19 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
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成分及组成信息

- Chemical Identity: 2-Amino-5-ethylbenzoic acid ($\geq 98\%$)
- Impurities: [需根据实际检测数据补充]

危险性质描述

- GHS Classification:
- Skin Irritation (Category 2)

- Eye Irritation (Category 2A)
- Hazardous to Aquatic Environment (Chronic, Category 3)
- Signal Word: Warning
- Hazard Statements:
- H315: Causes skin irritation
- H319: Causes serious eye irritation
- H412: Harmful 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: Rinse mouth, do NOT induce vomiting; seek medical help.

消防措施

- Extinguishing Media: Dry chemical, CO₂, or foam.
- Hazardous Combustion Products: CO, NO_x, and organic vapors.
- Protective Equipment: Wear self-contained breathing apparatus (SCBA).

泄露应急处理

- Containment: Use inert absorbent (e.g., sand) to collect spills.
- Disposal: Dispose as hazardous waste according to local regulations.

处理和储存

- Handling: Avoid dust formation; use local exhaust ventilation.
- Storage: Store in cool, dry place away from oxidizers and acids.

接触控制

- PPE: Gloves (nitrile), safety goggles, lab coat.
- Ventilation: Use fume hood if handling powder.

理化特性

- Appearance: White to off-white crystalline powder
- Melting Point: ~200-205°C (estimated)
- Solubility: Slightly soluble in water, soluble in organic solvents (e.g., ethanol).

稳定性和反应活性

- Stability: Stable under recommended conditions.
- Incompatibilities: Strong oxidizers, acids.

毒理学信息

- Acute Toxicity: LD50 (oral, rat) >2000 mg/kg (estimated).
- Irritation Data: May cause skin/eye irritation based on structural analogs.

生态学资料

- Ecotoxicity: Potential bioaccumulation risk; avoid release to water systems.

废弃处理

- Disposal Method: Incineration or licensed hazardous waste facility.

运输信息

- UN Number: Non-hazardous for transport (verify local regulations).

法规信息

- REACH: Compliant (if registered).
- Other Regulations: Follow local chemical management laws.

其他信息

- Revision Date: [填写日期]
- Disclaimer: Data based on available literature; user must verify suitability.