

化 学 品 安 全 技 术 说 明 书

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MSDS标题

2-氯-6-甲氧基吡啶-4-羧酸安全技术说明书

产品标题

2-氯-6-甲氧基异烟酸

CAS号

15855-06-8

化学品及企业标识

- 化学品名称：2-氯-6-甲氧基吡啶-4-羧酸
- 化学式 $C_7H_6ClNO_3$
- CAS号：15855-06-8
- 分子量 187.58 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

3.1 Chemical Identity: $\geq 98\%$ pure (HPLC)

3.2 Impurities: $\leq 2\%$ (may include residual solvents或未反应原料)

危险性质描述

2.1 GHS Classification:

- Skin Irritation (Category 2)

- Eye Irritation (Category 2A)
- Acute Toxicity (Oral, Category 4)

2.2 Hazard Statements:

- H315: Causes skin irritation
- H319: Causes serious eye irritation
- H302: Harmful if swallowed

2.3 Precautionary Statements:

- P264: Wash hands thoroughly after handling
- P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes

急救措施

- 4.1 Inhalation: Move to fresh air, seek medical attention if symptoms persist.
- 4.2 Skin Contact: Wash with soap and water, remove contaminated clothing.
- 4.3 Eye Contact: Rinse immediately with plenty of water (15 minutes), consult ophthalmologist.
- 4.4 Ingestion: Do NOT induce vomiting. Rinse mouth and drink water, seek medical help.

消防措施

- 5.1 Extinguishing Media: Dry chemical, CO₂, or foam.
- 5.2 Hazards: Combustion may release toxic gases (e.g., HCl, NO_x, CO).
- 5.3 Protective Equipment: Wear self-contained breathing apparatus (SCBA).

泄露应急处理

- 6.1 Personal Precautions: Wear gloves, goggles, and respirator if dust is generated.
- 6.2 Environmental Precautions: Prevent entry into drains or waterways.
- 6.3 Cleanup Methods: Collect with inert absorbent material (e.g., sand), dispose as hazardous waste.

处理和储存

- 7.1 Handling: Use in well-ventilated areas, avoid dust formation.
- 7.2 Storage: Keep container tightly closed in a cool, dry place (recommended $\leq 25^{\circ}\text{C}$).

接触控制

- 8.1 Occupational Exposure Limits: Not established. Use ALARA原则.
- 8.2 PPE:
 - Gloves: Nitrile or neoprene
 - Eye Protection: Chemical goggles
 - Respiratory Protection: N95 mask if airborne particles are present

理化特性

9.1 Appearance: White to off-white crystalline powder

9.2 Melting Point: ~180-185°C (dec.)

9.3 Solubility: Slightly soluble in water, soluble in polar organic solvents (e.g., DMSO, methanol)

9.4 pH: ~3-5 (1% aqueous suspension)

稳定性和反应活性

10.1 Stability: Stable under recommended storage conditions.

10.2 Incompatible Materials: Strong oxidizers, bases.

10.3 Hazardous Decomposition: Thermal breakdown may release HCl.

毒理学信息

11.1 Acute Toxicity: LD₅₀ (oral, rat) estimated >500 mg/kg.

11.2 Skin Corrosion/Irritation: May cause moderate irritation (OECD 404).

11.3 Mutagenicity: No data available (建议进行Ames测试).

生态学资料

12.1 Ecotoxicity: LC₅₀ (fish, 96h) >10 mg/L (预测值).

12.2 Persistence: Not readily biodegradable (需实验确认).

废弃处理

13.1 Waste Code: [根据当地法规填写]

13.2 Disposal: Incineration in a licensed facility with scrubber for HCl removal.

运输信息

14.1 UN Number: Non-hazardous for transport (通常).

14.2 Packing Group: III (如适用).

法规信息

15.1 TSCA (US): Listed/Exempt (需确认).

15.2 REACH (EU): ≤1 ton/year exempt from full registration.

其他信息

16.1 Revision Date: [填写日期]

16.2 Disclaimer: Data仅供参考，用户需自行验证适用性.

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