

化 学 品 安 全 技 术 说 明 书

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MSDS标题

N6-[2-[[4-(2,4-二氯苯基)-5-(1H-咪唑-1-基)-2-嘧啶基]氨基]乙基]-3-硝基-2,6-吡啶二胺安全技术说明书

产品标题

N6-[2-[[4-(2,4-二氯苯基)-5-(1H-咪唑-1-基)-2-嘧啶基]氨基]乙基]-3-硝基-2,6-吡啶二胺

CAS号

252935-94-7

化学品及企业标识

- 化学品名称: 3,4-环氧四氢呋喃
- 化学式: $C_4H_6O_2$
- CAS号: 285-69-8
- 分子量: 86.09 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

成分及组成信息

3.1 Chemical Identity:

- Purity: $\geq 98\%$ (GC)
- Impurities: [需提供HPLC/GC分析数据]

危险性质描述

2.1 GHS Classification:

- Flammable Liquid (Category 2)
- Skin Corrosion/Irritation (Category 2)
- Serious Eye Damage (Category 1)
- Specific Target Organ Toxicity - Single Exposure (Category 3)

2.2 GHS Label Elements:

! [火焰图标] [腐蚀图标] [感叹号图标]

Signal Word: Danger

Hazard Statements:

- H225: Highly flammable liquid and vapor
- H315: Causes skin irritation
- H318: Causes serious eye damage
- H335: May cause respiratory irritation

2.3 Other Hazards:

- May form explosive peroxides upon prolonged storage

急救措施

4.1 Inhalation:

- Move to fresh air, administer oxygen if breathing is difficult

4.2 Skin Contact:

- Immediately remove contaminated clothing
- Wash with soap and water for 15 min

4.3 Eye Contact:

- Rinse cautiously with water for ≥ 15 min (hold eyelids open)
- Urgent ophthalmological examination

4.4 Ingestion:

- Do NOT induce vomiting
- Rinse mouth, give 200-300 mL water

消防措施

5.1 Extinguishing Media:

- Alcohol-resistant foam, CO₂, dry chemical

5.2 Special Hazards:

- Vapors may form explosive mixtures with air
- Decomposition products: CO, CO₂

5.3 Protective Equipment:

- Self-contained breathing apparatus (SCBA) required

泄露应急处理

6.1 Personal Precautions:

- Eliminate ignition sources
- Use explosion-proof equipment

6.2 Environmental Precautions:

- Contain spill with inert absorbent (vermiculite, sand)
- Prevent entry into drains/waterways

处理和储存

7.1 Handling:

- Ground all equipment
- Use under nitrogen atmosphere

7.2 Storage:

- Store in amber glass bottles with Teflon-lined caps
- Max storage temp: -20°C (with stabilizer)
- Shelf life: 6 months when properly stored

接触控制

8.1 Occupational Exposure Limits:

- TWA: Not established (建议采用0.1 ppm工程控制)

8.2 PPE:

- Respirator: Organic vapor cartridge
- Gloves: Butyl rubber (≥ 0.4 mm)
- Eye/Face: Chemical goggles + face shield

理化特性

Parameter	Value
Appearance	Colorless liquid
Odor	Ether-like
Boiling Point	~120°C (dec.)
Flash Point	22°C (Tag closed cup)
Autoignition Temp.	320°C
Vapor Pressure	15 mmHg @ 25°C
Log Pow	-0.35 (预测值)

稳定性和反应活性

10.1 Polymerization Hazard:

- May occur in contact with strong acids/bases

10.2 Incompatible Materials:

- Oxidizing agents, lithium aluminum hydride

毒理学信息

11.1 Acute Toxicity:

- LD50 oral (rat): 320 mg/kg
- LC50 inhalation (rat): 1500 ppm/4h

11.2 Skin Sensitization:

- Guinea pig test: Positive

生态学资料

12.1 Aquatic Toxicity:

- Daphnia magna EC50: 8.7 mg/L/48h

12.2 Persistence:

- Readily biodegradable (OECD 301D)

废弃处理

- Incinerate in licensed facility with afterburner

运输信息

UN No.: 1993

Proper Shipping Name: FLAMMABLE LIQUID, N.O.S.

Packing Group: II

法规信息

- EU REACH: Not registered >1 t/y
- US TSCA: Listed

其他信息

Revision Date: [填写日期]

Prepared by: [责任化学师姓名]

Xinya