

化学品安全技术说明书

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**MSDS标题**

2,6-二甲苯酚安全技术说明书

**产品标题**

1-羟基-2,6-二甲基苯;2,6-二甲酚

**CAS号**

576-26-1

**化学品及企业标识**

- 化学品名称: 四甲基姜黄素
- 化学式  $C_{25}H_{28}O_6$
- CAS号: 52328-97-9
- 分子量  $424.486 \text{ g/mol}$
- 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**

3.1 Chemical Identity:

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

**危险性质描述**

2.1 GHS Classification:

- Skin Irrit. 2 (H315)
- Eye Irrit. 2A (H319)
- STOT SE 3 (H335)

#### 2.2 Hazard Statements:

- May cause skin irritation
- May cause eye irritation
- May cause respiratory irritation

#### 2.3 Precautionary Statements:

- P261: Avoid breathing dust
- P305+P351+P338: IF IN EYES: Rinse cautiously with water

### 急救措施

#### 4.1 Inhalation:

- Move to fresh air, administer oxygen if needed

#### 4.2 Skin Contact:

- Wash with soap and water for 15 minutes

#### 4.3 Eye Contact:

- Rinse with 0.9% saline solution  $\geq 15$  minutes

### 消防措施

#### 5.1 Extinguishing Media:

- Dry chemical, CO<sub>2</sub>, foam

#### 5.2 Special Hazards:

- Combustion products: CO, CO<sub>2</sub>

### 泄露应急处理

#### 6.1 Personal Precautions:

- Wear PPE (nitrile gloves, goggles)

#### 6.2 Environmental Precautions:

- Contain spill with inert absorbent (vermiculite)

### 处理和储存

#### 7.1 Handling:

- Use under fume hood

## 7.2 Storage:

- Amber glass bottle, -20°C under argon

## 接触控制

### 8.1 Engineering Controls:

- Local exhaust ventilation

### 8.2 PPE:

- Respirator (N95), chemical goggles

## 理化特性

### 9.1 Appearance: Yellow crystalline powder

### 9.2 Melting Point: 156-158°C

### 9.3 Solubility:

- DMSO: 50 mg/mL
- Water: <0.1 mg/mL

## 稳定性和反应活性

### 10.1 Chemical Stability:

- Stable under recommended conditions

### 10.2 Incompatible Materials:

- Strong oxidizers

## 毒理学信息

### 11.1 Acute Toxicity:

- Oral LD<sub>50</sub> (rat): >2000 mg/kg

### 11.2 Carcinogenicity:

- Not classified (IARC)

## 生态学资料

### 12.1 Ecotoxicity:

- Daphnia magna EC<sub>50</sub>: >100 mg/L

## 废弃处理

13.1 Waste Code:  
- Non-hazardous per 40 CFR 261

## 运输信息

14.1 UN Number: Non-regulated

## 法规信息

15.1 TSCA Status: Listed

## 其他信息

16.1 Revision Date: [填写日期]

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