

化学品安全技术说明书

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MSDS标题

山梔子苷B安全技术说明书

产品标题

羟异梔子苷;羟基梔子苷

CAS号

24512-62-7

化学品及企业标识

- 化学品名称: 10-十九烷酮
- 化学式 $C_{19}H_{38}O$
- CAS号: 504-57-4
- 分子量 282.51 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

- Chemical Name: 10-Nonadecanone
- Purity: $\geq 98\%$ (typical, adjust as needed)
- Impurities: Trace hydrocarbons (if applicable).

危险性质描述

- GHS Classification:

- Not classified as hazardous under OSHA/HCS (2012) or GHS Rev.7.
- Potential Effects:
- Eye/Skin: Mild irritation possible (mechanical abrasion).
- Ingestion/Inhalation: Low toxicity, but may cause gastrointestinal discomfort.
- NFPA Rating: Health: 1, Flammability: 1, Reactivity: 0

急救措施

- Inhalation: Move to fresh air; seek medical attention if symptoms persist.
- Skin Contact: Wash with soap and water.
- Eye Contact: Rinse with water for 15 minutes; consult physician if irritation continues.
- Ingestion: Rinse mouth; do NOT induce vomiting. Seek medical advice if large amounts are swallowed.

消防措施

- Extinguishing Media: CO₂, dry chemical, or foam.
- Hazards: Combustible solid (melts at ~60-65°C). Forms vapors at high temps.
- Protection: Wear self-contained breathing apparatus (SCBA) for large fires.

泄露应急处理

- Small Spills: Collect with inert absorbent (e.g., sand).
- Large Spills: Contain and prevent entry into waterways. Use PPE during cleanup.

处理和储存

- Handling: Use in well-ventilated areas. Avoid dust formation.
- Storage: Keep in tightly sealed containers at room temperature, away from oxidizers.

接触控制

- Engineering Controls: Local exhaust ventilation if dust is generated.
- PPE: Safety glasses, gloves (nitrile recommended), lab coat.
- TLV: Not established; treat as low-hazard particulate.

理化特性

- Appearance: White crystalline solid.
- Odor: Faint waxy odor.
- Melting Point: 62-65°C
- Boiling Point: ~360°C (estimated)

- Solubility: Insoluble in water; soluble in organic solvents (ethanol, acetone).
- Density: $\sim 0.82 \text{ g/cm}^3$ (at 20°C)

稳定性和反应活性

- Stability: Stable under normal conditions.
- Incompatibilities: Strong oxidizers.
- Decomposition: May release CO/CO₂ if heated excessively.

毒理学信息

- Acute Toxicity: LD₅₀ (oral, rat) >2000 mg/kg (estimated, low toxicity).
- Irritation: Non-irritating to skin (OECD 404); mild eye irritant (OECD 405).
- Chronic Effects: No data available; handle as per general organic compound guidelines.

生态学资料

- Ecotoxicity: Low aquatic toxicity (estimated).
- Persistence: Expected to be biodegradable.

废弃处理

- Waste Code: Consult local regulations.
- Disposal: Incineration or licensed waste facility.

运输信息

- Non-hazardous for transport (DOT, IATA, IMDG).

法规信息

- US EPA: Not listed as hazardous.
- EU: Not classified under CLP.
- China: Not in SDS mandatory list (GB 30000-2013).

其他信息

- Revision Date: [DD/MM/YYYY]
- Disclaimer: Data for guidance only; user must verify suitability.