

# Material Safety Data Sheet

## 1.PRODUCT AND COMPANY IDENTIFICATION

Product Name: 1,5-naphthyridine

Number: 108567

CAS Number: 254-79-5

### FOR R&D use only

Supplier: ChemShuttle, Inc.,  
1699 Huishan Blvd., Wuxi, Jiangsu, China 214174.  
Tel: +86 (510) 8358.8313 Fax: +86 (510) 8359.6229

## 2.COMPOSITION, INFORMATION ON INGREDIENTS

Ingredient name: 1,5-naphthyridine

CAS number: 254-79-5

Molecular Formula: C<sub>8</sub>H<sub>6</sub>N<sub>2</sub>

Molecular Weight: 130.15

## 3.HAZARDS IDENTIFICATION

### GHS Classification

Acute toxicity, Oral (Category 4)

Skin corrosion/irritation (Category 2)

Serious eye damage/eye irritation (Category 2A)

Specific target organ toxicity-single exposure(Category 3),Respiratory system

### GHS Label elements, including precautionary Statements

**Pictogram:**



**Signal word:** warning

**Hazard statement(s):**

### USA

ChemShuttle  
3916 Trust Way, Hayward, CA 94545  
Phone: +1 (510) 999 8905  
sales@ChemShuttle.com  
[www.ChemShuttle.com](http://www.ChemShuttle.com)

### China

无锡捷化医药科技有限公司  
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Phone: +86 (510) 8358 8313  
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H302	Harmful if swallowed
H315	Causes skin irritation
H319	Causes serious eye irritation
H335	May cause respiratory irritation

**Precautionary Statement(s):**

P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

## 4. FIRST AID MEASURES

**In case of eye contact:**

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

**If inhaled:**

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

**In case of skin Contact:**

Wash off with soap and plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Call a physician.

**If swallowed:**

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

## 5. FIRE FIGHTING MEASURES

**Suitable extinguishing media:**

Use carbon dioxide, dry chemical powder, alcohol-resistant or polymer foam.

**Special protective equipment for firefighters:**

Wear self-contained breathing apparatus for fire-fighting if necessary.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:**

Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.

**Environmental precautions:**

Do not let product enter drains.

**Methods and Materials for containment and cleaning up**

Absorb spills on sand or vermiculite and place in closed container for disposal.

## 7. HANDLING AND STORAGE

**Precautions for safe handling:**

Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. Wash thoroughly after handling.

**Conditions for safe storage:**

Keep container tightly closed in a cool, dry, well-ventilated place.

**Recommended storage temperature:**

Room Temperature

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Contains no substances with occupational exposure limit values.

**Engineering Controls:**

Use only in a chemical fume hood.

**Personal Protective equipment:**

Wear chemical-resistant gloves, safety goggles.

**General Hygiene measures:**

Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling. Wash contaminated clothing before reuse.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	white solid
Odor:	not available
Boiling point:	not available
Melting point:	not available
Flash Point:	not available
Density:	not available

## 10. STABILITY AND REACTIVITY

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Chemical stability: Stable under recommended storage conditions.

Materials to avoid: No data available

Conditions to avoid: strong oxidizer; strong acid

Possible hazardous combustion products: carbon oxides; hydrogen chloride; nitrogen oxides;

## 11. Toxicological information

**No Data.**

## 12. ECOLOGICAL INFORMATION

**No Data.**

## 13. DISPOSAL CONSIDERATIONS

Arranged disposal as special waste, by licensed disposal company, in consultation with local waste disposal authority, in accordance with national and regional regulations.

## 14. Transportation information

Non-hazardous for air and ground transportation. Or not available.

## 15. Regulatory Information

Indication of danger: No data

Risk Statement: No data

Safety Statement: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable gloves and eye/face protection.

## 16. Other information

*The above information is believed to be correct at the date of its publication but does not supposed to be all-inclusive and shall be used only as a guide.*

***Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose.***

*ChemShuttle, Inc. should not be held liable for any damage resulting from handling or from contact with the above product.*

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