

# SAFETY DATA SHEET

Version: v1

Revision Date: 2025-09-12

Print Date: 2025-09-13

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifiers

Product name : 1-Methylpiperidine  
Product Number : M106736  
Brand : aladdin  
CAS-No. : 626-67-5

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses : Laboratory chemicals, Manufacture of substances.

### 1.3 Company

Company : ALADDIN SCIENTIFIC CORPORATION  
Address : 14078 Meridian Parkway,  
Riverside, CA. 92518  
Telephone : +1 (833) 552-7181  
Fax : no data available

### 1.4 Emergency telephone number

CHEMTREC®, Inside the USA : 1-800-424-9300  
CHEMTREC®, Outside the USA :

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

Flammable liquid, Class 2

Skin corrosion/irritation, category 1

Severe eye injury/eye irritation, category 1

Harmful to the aquatic environment - long-term hazard, category 3

### 2.2 GHS Label elements, including precautionary statements

Pictogram



Signal word

Danger

Hazard statement(s)

H225

Highly Flammable liquid and vapor

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|                                   |                                                                                                          |
|-----------------------------------|----------------------------------------------------------------------------------------------------------|
| H301                              | Toxic if swallowed                                                                                       |
| H302                              | Harmful if swallowed                                                                                     |
| H311                              | Toxic in contact with skin                                                                               |
| H312                              | Harmful in contact with skin                                                                             |
| H314                              | Causes severe skin burns and eye damage                                                                  |
| H318                              | Causes serious eye damage                                                                                |
| H331                              | Toxic if inhaled                                                                                         |
| H412                              | Harmful to aquatic life with long lasting effects                                                        |
| <b>Precautionary statement(s)</b> |                                                                                                          |
| P210                              | Keep away from heat, hot surface, sparks, open flames and other ignition sources. - No smoking.          |
| P233                              | Keep container tightly closed.                                                                           |
| P240                              | Ground/bond container and receiving equipment.                                                           |
| P241                              | Use explosion-proof [electrical/ventilating/lighting/.../] equipment.                                    |
| P242                              | Use only non-sparking tools.                                                                             |
| P243                              | Take precautionary measures against static discharge.                                                    |
| P260                              | Do not breathe dust/fume/gas/mist/vapors/spray.                                                          |
| P261                              | Avoid breathing dust/fume/gas/mist/vapors/spray.                                                         |
| P264                              | Wash hands [and ...] thoroughly after handling.                                                          |
| P270                              | Do not eat, drink or smoke when using this product.                                                      |
| P271                              | Use only outdoors or in a well-ventilated area.                                                          |
| P273                              | Avoid release to the environment.                                                                        |
| P280                              | Wear protective gloves/protective clothing/eye protection/face protection.                               |
| P321                              | Specific treatment (see ... on this label).                                                              |
| P330                              | Rinse mouth.                                                                                             |
| P363                              | Wash contaminated clothing before reuse.                                                                 |
| P301+P330+P331                    | IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.                                                       |
| P302+P352                         | IF ON SKIN: wash with plenty of water.                                                                   |
| P303+P361+P353                    | IF ON SKIN (or hair): Take off Immediately all contaminated clothing. Rinse SKIN with water [or shower]. |
| P304+P340                         | IF INHALED: Remove person to fresh air and keep comfortable for breathing.                               |
| P361+P364                         | Take off immediately all contaminated clothing and wash it before reuse.                                 |
| P362+P364                         | Take off contaminated clothing and wash it before reuse.                                                 |
| P370+P378                         | In case of fire: Use ... to extinguish.                                                                  |
| P405                              | Store locked up.                                                                                         |
| P403+P233                         | Store in a well-ventilated place. Keep container tightly closed.                                         |
| P403+P235                         | Store in a well-ventilated place. Keep cool.                                                             |
| P501                              | Dispose of contents/container to an approved waste disposal plant.                                       |
| P264+P265                         | Wash hands [and ...] thoroughly after handling. Do not touch eyes.                                       |
| P301+P316                         | IF SWALLOWED: Get emergency medical help immediately.                                                    |
| P301+P317                         | IF SWALLOWED: Get medical help.                                                                          |

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|                |                                                                                                                                  |
|----------------|----------------------------------------------------------------------------------------------------------------------------------|
| P305+P354+P338 | IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. |
| P317           | Get emergency medical help.                                                                                                      |
| P302+P361+P354 | IF ON SKIN: Take off Immediately all contaminated clothing. Immediately rinse with water for several minutes.                    |
| P316           | Get emergency medical help immediately.                                                                                          |

## 2.3 Hazards not otherwise classified (HNOC) or not covered by GHS

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

|                  |                                    |
|------------------|------------------------------------|
| Synonyms         | : N-Methylpiperidine               |
| Formula          | : C <sub>6</sub> H <sub>13</sub> N |
| Molecular weight | : 99.17                            |
| CAS No.          | : 626-67-5                         |
| EC-NO.           | : 210-959-9                        |

| Component                 | Classification    | Concentration      |
|---------------------------|-------------------|--------------------|
| <b>1-Methylpiperidine</b> | no data available | Moligand™,<br>≥97% |

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

**General advice**

Consult a physician. Show this safety data sheet to the doctor in attendance.

**If inhaled**

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

**In case of skin contact**

Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Consult a physician.

**In case of eye contact**

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

**If swallowed**

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

### 4.2 Most important symptoms and effects, both acute and delayed

no data available

### 4.3 Indication of any immediate medical attention and special treatment needed

no data available

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## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

#### Suitable extinguishing media

Small (incipient) fires must be extinguished with alcohol resistant foam, dry chemical powder or carbon dioxide. Large amounts of water are ineffective. Cool containers with large amounts of water.

#### Unsuitable extinguishing media

no data available

### 5.2 Special hazards arising from the substance or mixture

Carbon oxides, Nitrogen oxides (NOx)

### 5.3 Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

### 5.4 Further information

Use water spray to cool unopened containers.

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## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.

### 6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

### 6.3 Methods and materials for containment and cleaning up

Contain spillage, and then collect with an electrically protected vacuum cleaner or by wetbrushing and place in container for disposal according to local regulations

### 6.4 Reference to other sections

For disposal see section 13.

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## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Avoid inhalation of vapour or mist. Keep away from sources of ignition - No smoking. Take measures to prevent the build up of electrostatic charge.

### 7.2 Conditions for safe storage, including any incompatibilities

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must

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be carefully resealed and kept upright to prevent leakage.

**7.3 Specific end use(s)**

no data available

**SECTION 8: Exposure controls/personal protection**

**8.1 Control parameters**

**8.2 Exposure controls**

**Appropriate engineering controls**

Handle in accordance with good industrial hygiene and safety practice.Wash hands before breaks and at the end of workday.

**Personal protective equipment**

**Eye/face protection**

Tightly fitting safety goggles.Faceshield (8-inch minimum).Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

**Skin protection**

Handle with gloves.Gloves must be inspected prior to use.Use proper glove removal technique (without touching gloves outer surface) to avoid skin contact with this product.Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices.Wash and dry hands.The selected protective gloves have to satisfy the specifications of Regulation (EU) 2016/425 and the standard EN 374 derived from it.

**Body Protection**

Complete suit protecting against chemicals, Flame retardant antistatic protective clothing., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

**Respiratory protection**

Where risk assessment shows air-purifying respirators are appropriate use a fullface respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls.If the respirator is the sole means of protection, use a full-face supplied air respirator.Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

**Control of environmental exposure**

no data available

**SECTION 9: Physical and chemical properties**

**9.1 Information on basic physical and chemical properties**

|                                 |                                                           |
|---------------------------------|-----------------------------------------------------------|
| a) Appearance                   | form: liquid color: colorless to light yellow transparent |
| b) Odour                        | no data available                                         |
| c) Odour Threshold              | no data available                                         |
| d) pH                           | no data available                                         |
| e) Melting point/freezing point | -50°C                                                     |

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|                                                 |                                                              |
|-------------------------------------------------|--------------------------------------------------------------|
| f) Initial boiling point and boiling range      | 105-108°C                                                    |
| g) Flash point                                  | 3°C                                                          |
| h) Evaporation rate                             | no data available                                            |
| i) Flammability (solid, gas)                    | no data available                                            |
| j) Upper/lower flammability or explosive limits | no data available                                            |
| k) Vapour pressure                              | no data available                                            |
| l) Vapour density                               | no data available                                            |
| m) Relative density                             | no data available                                            |
| n) Water solubility                             | Completely miscible with water; Soluble in ether and alcohol |
| o) Partition coefficient: n-octanol/water       | no data available                                            |
| p) Auto-ignition temperature                    | no data available                                            |
| q) Decomposition temperature                    | no data available                                            |
| r) Viscosity                                    | no data available                                            |
| s) Explosive properties N                       | no data available                                            |
| t) Oxidizing properties N                       | no data available                                            |

## 9.2 Other safety information

no data available

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

Stable under recommended storage conditions.

### 10.2 Chemical stability

no data available

### 10.3 Possibility of hazardous reactions

Heat, flames and sparks. Extremes of temperature and direct sunlight.

### 10.4 Conditions to avoid

acids, Acid chlorides, Acid anhydrides, Strong oxidizing agents, Carbon dioxide (CO<sub>2</sub>)

### 10.5 Incompatible materials

Hazardous decomposition products formed under fire conditions.- Carbon oxides, Nitrogen oxides (NO<sub>x</sub>)

### 10.6 Hazardous decomposition products

no data available

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

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**Acute toxicity**

**Skin corrosion/irritation**

no data available

**Serious eye damage/eye irritation**

no data available

**Respiratory or skin sensitisation**

no data available

**Germ cell mutagenicity**

no data available

**Carcinogenicity**

no data available

**Reproductive toxicity**

no data available

**Specific target organ toxicity - single exposure**

no data available

**Specific target organ toxicity - repeated exposure**

no data available

**Aspiration hazard**

no data available

**Additional Information**

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## SECTION 12: Ecological information

### 12.1 Toxicity

### 12.2 Persistence and degradability

no data available

### 12.3 Bioaccumulative potential

no data available

### 12.4 Mobility in soil

no data available

### 12.5 Results of PBT and vPvB assessment

no data available

### 12.6 Other adverse effects

no data available

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SECTION 13:

13.1 Disposal considerations

Product

Burn in a chemical incinerator equipped with an afterburner and scrubber but exert extra care in igniting as this material is highly flammable. Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.

Contaminated packaging

Dispose of as unused product.

SECTION 14: Transport information

DOT (US)

|                                         |                                            |                                             |
|-----------------------------------------|--------------------------------------------|---------------------------------------------|
| UN number: 2399                         | Packing group: II                          | Class: 3 (8)                                |
| Proper shipping name: no data available | Reportable Quantity(RQ): no data available | Poison Inhalation Hazard: no data available |
| Environmental Hazards: no               |                                            |                                             |

IMDG

|                                         |                   |                           |
|-----------------------------------------|-------------------|---------------------------|
| UN number: 2399                         | Packing group: II | EMS-No: no data available |
| Proper shipping name: no data available |                   |                           |

IATA

|                                         |                   |              |
|-----------------------------------------|-------------------|--------------|
| UN number: 2399                         | Packing group: II | Class: 3 (8) |
| Proper shipping name: no data available |                   |              |

SECTION 15: Regulatory information

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

SECTION 16: Other information

|                  |                                                                                                                                                     |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| Prepared By      | Regulatory Affairs<br>ALADDIN SCIENTIFIC CORPORATION<br>Email: <a href="mailto:QualityAssurance@aladdinsci.com">QualityAssurance@aladdinsci.com</a> |
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| Revision Date    | 12-Sep-2025                                                                                                                                         |
| Print Date       | 13-Sep-2025                                                                                                                                         |
| Revision Summary | SDS sections updated v1                                                                                                                             |

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