



catapowerinc.com

# Safety Data Sheet

Version 1.1

Revision date: 26 July 2023

## Section 1: Identification

### 1.1 Product identifier

Product name: 2,6-Bis[(4S)-4-tert-butylloxazolin-2-yl]pyridine, ≥97%, (≥98% ee)  
Other names: (4S)-4-tert-butyl-2-[6-[(4S)-4-tert-butyl-4,5-dihydro-1,3-oxazol-2-yl]pyridin-2-yl]-4,5-dihydro-1,3-oxazole; (4S)-4-tert-butyl-2-[6-[(4S)-4-tert-butyl-4,5-dihydrooxazol-2-yl]-2-pyridinyl]-4,5-dihydrooxazole; (4S)-4-tert-butyl-2-[6-[(4S)-4-tert-butyl-4,5-dihydro-1,3-oxazol-2-yl]pyridin-2-yl]-4,5-dihydro-1,3-oxazole; 2,6-Bis[(S)-4-(tert-butyl)-4,5-dihydrooxazol-2-yl]pyridine  
Product code: 01-10-0101  
CAS number: 118949-63-6

### 1.2 Relevant uses

Recommended use: Chemicals for laboratory evaluation

### 1.3 Supplier details

Manufacturer: Catapower, Inc.  
2265 E. Foothill Blvd.  
Pasadena, CA 91107  
info@catapowerinc.com  
Phone: (626) 657-0386

### 1.4 Emergency telephone number

Emergency phone: (800) 424-9300  
CHEMTREC is available at the number above 24 hours/day, 7 days/week.

## Section 2: Hazard(s) identification

### 2.1 Classification of the substance or mixture

#### GHS Classification: 29 CFR 1910 (OSHA HCS)

Skin Irritation [Category 2], H315  
Eye Irritation [Category 2A], H319  
Specific target organ toxicity – single exposure [Category 3], Respiratory system, H335

For the full text of the H-statements mentioned in this Section, see Section 16.

### 2.2 GHS Label elements, including precautionary statements

Pictogram



Signal word

Warning

Hazard statement(s)

H315 Causes skin damage.  
H319 Causes serious eye damage.  
H335 May cause respiratory damage.

#### Precautionary statement(s)

|                    |  |
|--------------------|--|
| P261               | Avoid breathing in dust/ fume/ gas/ mist/ vapours/ spray.  |
| P264               | Wash skin thoroughly after handling.   |
| P271               | Use only in well-ventilated area/  |
| P280               | Wear protective gloves/ eye protection/ face protection.   |
| P302 + P352        | IF ON SKIN: Wash with plenty of soap and water.  |
| P304 + P340        | IF INHALED: Remove person to fresh air and keep at rest in a comfortable position for breathing                                  |
| P305 + P351 + P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P312               | Call a POISON CENTER/doctor if you feel unwell.  |
| P321               | Specific treatment (see supplemental first aid instructions on this label).  |
| P332 + P313        | If skin irritation occurs: Get medical advice/attention.   |
| P337 + P313        | If eye irritation persists: Get medical advice/attention.  |
| P362               | Take off contaminated clothing and wash before reuse.  |
| P403 + P233        | Store in a well-ventilated area. Keep container tightly closed.  |
| P405               | Store locked up.   |
| P501               | Dispose of contents/ container to an approved waste disposal plant.  |

### 2.3 Hazards not otherwise classified

None.

## Section 3: Composition/information on ingredients

### 3.2 Mixtures

|                    |  |
|--------------------|--|
| <b>Components:</b> | 2,6-Bis[(4S)-4-tert-butyloxazolin-2-yl]pyridine, ≥97%, (≥98% ee) |
| Molecular weight:  | 329.40 g/mol   |
| Chemical formula:  | C <sub>19</sub> H <sub>27</sub> N <sub>3</sub> O <sub>2</sub>    |
| Concentration:     | ≥ 97%  |
| CAS number:        | 118949-63-6  |

## Section 4: First aid measures

### 4.1 Description of necessary first-aid instructions

|                          |  |
|--------------------------|--|
| General guidance:        | Move out of contaminated area.   |
| If inhaled:              | Remove person to fresh air. Give artificial respiration if not breathing. Get medical advice/attention.                          |
| In case of skin contact: | Remove contaminated clothing. Wash off with plenty of soap and water. Get medical advice/attention.                              |
| In case of eye contact:  | Rinse with water for at least 15 minutes. Remove contact lenses, if present, and continue rinsing. Get medical advice/attention. |
| If swallowed:            | If conscious, rinse mouth with water. Get medical advice/attention.  |

### 4.2 Most important symptoms/effects

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11.

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

No data available.

## Section 5: Firefighting measures

### 5.1 Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical, or carbon dioxide.

### 5.2 Specific hazards arising from the chemical

Carbon oxides, Nitrogen oxides (NO<sub>x</sub>).

### 5.3 Recommendations for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

## Section 6: Accidental release measures

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

Use personal protective equipment as recommended in Section 8. Avoid breathing aerosol or dust. Ensure adequate ventilation.

### 6.2 Environmental precautions

Do not let product enter drains.

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

Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

### 6.4 Reference to other sections

For disposal see section 13

## Section 7: Handling and storage

### 7.1 Precautions for safe handling

Use personal protective equipment as recommended in Section 8. Avoid breathing dust and aerosol. Avoid contact with skin, eyes, and clothing. Avoid ingestion. Use in appropriately exhaust ventilated area.

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

Keep container tightly closed in a dry and well-ventilated place.  
Storage class (TRGS 510): 13: Non combustible solids

## Section 8: Exposure controls / personal protection

### 8.1 Control parameters

#### Components with workplace control parameters

Contains no substance with occupational exposure limit values.

### 8.2 Exposure controls

#### Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Ensure that eyewash stations and safety showers are close to the workstation location. Wash hands before breaks and at the end of workday.

### 8.3 Individual protection measures, such as personal protective equipment (PPE)

#### Eye/face protection

Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

### **Skin protection**

For full or incidental contact, nitrile gloves with a minimum layer thickness of 0.11 mm are recommended.

### **Body protection**

Impervious 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**

When a risk assessment indicates respiratory protection is required, use a full-face 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).

## **Section 9: Physical and chemical properties**

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

|   |                   |
|---|-------------------|
| Appearance:                                   | Form: solid       |
| Odor:   | No data available |
| Odor threshold:                               | No data available |
| pH:   | No data available |
| Melting/freezing point:                       | No data available |
| Initial boiling point and range:              | No data available |
| Flash point:                                  | No data available |
| Evaporation rate:                             | No data available |
| Flammability (solid, gas):                    | No data available |
| Upper/lower flammability or explosive limits: | No data available |
| Vapor pressure:                               | No data available |
| Vapor density:                                | No data available |
| Relative density:                             | No data available |
| Solubility:                                   | No data available |
| Partition coefficient, n-octanol/water:       | No data available |
| Auto-ignition temperature:                    | No data available |
| Decomposition temperature:                    | No data available |
| Viscosity:                                    | No data available |
| Explosive Properties:                         |                   |

## **Section 10: Stability and reactivity**

### **10.1 Reactivity**

No data available

### **10.2 Chemical stability**

Stable under proper storage conditions

**10.3 Possibility of hazardous reactions**

No data available

**10.4 Conditions to avoid**

No data available

**10.5 Incompatible materials**

Oxidizing agents

**10.6 Hazardous decomposition products.**

Carbon dioxide, Carbon monoxide, Nitrogen oxide (NO<sub>x</sub>).

## Section 11: Toxicological information

**11.1 Information on toxicological effects**

**Acute toxicity**

No data available

**Skin corrosion/irritation**

No data available

**Serious eye damage/eye irritation**

No data available

**Respiratory or skin sensitization**

No data available

**Germ cell mutagenicity**

No data available

**Carcinogenicity**

IARC: No data available

ACGIH: No data available

NTP: No data available

OSHA: No data available

**Reproductive toxicity**

No data available

**Specific target organ toxicity - single exposure**

Inhalation – may cause respiratory irritation.

**Specific target organ toxicity - repeated exposure**

No data available

**Aspiration hazard**

No data available

## Section 12: Ecological information

- 12.1 Toxicity**  
No data available
- 12.2 Persistence and degradability**  
No data available
- 12.3 Bioaccumulation potential**  
No data available
- 12.4 Mobility in soil**  
No data available
- 12.6 Other adverse effects**  
No data available

## Section 13: Disposal considerations

- 13.1 Waste disposal methods**  
Must not be disposed in household garbage or in sewer. Dispose of excess product in appropriate containers with a licensed disposal company in accordance with all relevant regulations.
- 13.2 Contaminated packaging**  
Contaminated packaging should be discarded in the same manner as excess product.

## Section 14: Transport information

- 14.1 UN number**  
Not regulated
- 14.2 UN proper shipping name**  
Not regulated
- 14.3 Transport hazard class(es)**  
Not regulated
- 14.4 Packing group number**  
Not regulated

## Section 15: Regulatory information

- 15.1 Safety, health, and environmental regulations/legislation specific for the substance or mixture**

**SARA 302 components**

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 313 components**

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**SARA 311/312 Hazards**

Acute health hazard.

2,6-Bis[(4S)-4-tert-butylloxazolin-2-yl]pyridine, 97%, (98% ee)

#### **Massachusetts Right To Know components**

No components are subject to the Massachusetts Right to Know Act.

#### **Pennsylvania Right To Know components**

2,6-Bis[(4S)-4-tert-butylloxazolin-2-yl]pyridine

CAS-No.

118949-63-6

Revision Date

#### **New Jersey Right To Know components**

2,6-Bis[(4S)-4-tert-butylloxazolin-2-yl]pyridine

CAS-No.

118949-63-6

Revision Date

#### **California Prop. 65 components**

This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

## **Section 16: Other information**

### **16.1 Disclaimer**

This information supplied in this document is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. Users should make their own investigation to determine the suitability of this information for their particular purposes.