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## Safety Data Sheet (SDS)

**According to Regulation (EC) No. 1907/2006 (REACH)**

**Product:** Oxiracetam

**CAS number:** 62613-82-5

**Revision date:** 12 March 2026

# 1. Identification of the substance and of the company

## Product identifier

Product name: Oxiracetam

CAS number: 62613-82-5

Synonyms: 2-(4-hydroxy-2-oxopyrrolidin-1-yl)acetamide; ISF 2522

## Relevant identified uses

Chemical reference material

Laboratory research and analytical applications

Not intended for food, drug, cosmetic or household use.

## Supplier

Rexar

Genestetstraat 3

2394 XK Hazerswoude

Netherlands

Email: info@rexar.nl

## Emergency information

Contact local poison control centre.

# 2. Hazards identification

**Classification according to Regulation (EC) No. 1272/2008 (CLP)**

Skin irritation, Category 2 — **H315**

Eye irritation, Category 2 — **H319**

## Label elements

Signal word: **Warning**

Hazard statements:

**H315** Causes skin irritation.

**H319** Causes serious eye irritation.

## Precautionary statements

**P264** Wash thoroughly after handling.

**P280** Wear protective gloves/eye protection.

**P302+P352** IF ON SKIN: Wash with plenty of soap and water.

**P305+P351+P338** IF IN EYES: Rinse cautiously with water for several minutes. Remove

contact lenses, if present and easy to do. Continue rinsing.

**P332+P313** If skin irritation occurs: Get medical advice/attention.

**P337+P313** If eye irritation persists: Get medical advice/attention.

Deze P-zinnen volgen logisch uit de gevonden H315/H319-classificatie; ik leid ze hier conservatief uit af.

#### **Other hazards**

Avoid dust formation and inhalation.

### **3. Composition / information on ingredients**

Substance: Oxiracetam

CAS number: 62613-82-5

Molecular formula: C<sub>6</sub>H<sub>10</sub>N<sub>2</sub>O<sub>3</sub>

Molecular weight: 158.16 g/mol

Purity: typically ≥98%

Dit percentage moet je nog even afstemmen op jouw eigen batch/COA.

### **4. First aid measures**

#### **General advice**

Remove affected person from exposure and ensure fresh air.

#### **Inhalation**

Move person to fresh air. Seek medical advice if symptoms persist.

#### **Skin contact**

Wash with soap and plenty of water. Remove contaminated clothing.

#### **Eye contact**

Rinse cautiously with water for several minutes. Seek medical advice if irritation persists.

#### **Ingestion**

Rinse mouth. Do not induce vomiting unless instructed by a medical professional. Seek medical advice if necessary.

### **5. Firefighting measures**

#### **Suitable extinguishing media**

Water spray

Dry chemical powder

Carbon dioxide

Foam

#### **Special hazards arising from the substance**

Combustion may produce carbon oxides and nitrogen oxides. Dit is een standaard, redelijke afleiding voor een organische stikstofhoudende verbinding.

### **Protective equipment for firefighters**

Wear self-contained breathing apparatus.

## **6. Accidental release measures**

### **Personal precautions**

Use appropriate PPE. Avoid breathing dust.

### **Environmental precautions**

Prevent release into drains and waterways.

### **Methods for cleaning up**

Collect mechanically, avoid dust generation, and place in suitable waste container.

## **7. Handling and storage**

### **Handling**

Handle in accordance with good laboratory practice. Avoid contact with skin, eyes and clothing. Avoid dust formation.

### **Storage**

Store tightly closed in a cool, dry and well-ventilated place.

## **8. Exposure controls / personal protection**

### **Control parameters**

No specific occupational exposure limit identified in the sources reviewed.

### **Engineering controls**

Use adequate ventilation.

### **Personal protective equipment**

Eye protection: safety glasses

Hand protection: nitrile gloves

Respiratory protection: dust mask/particulate respirator if dust is generated

Skin protection: lab coat

## **9. Physical and chemical properties**

Appearance: white crystalline powder

Solubility: soluble in water and DMSO

Melting point: 165–168 °C

Molecular weight: 158.16 g/mol

## **10. Stability and reactivity**

### **Reactivity**

No unusual reactivity expected under recommended conditions.

**Chemical stability**

Stable under normal storage conditions.

**Conditions to avoid**

Excessive heat, moisture, dust generation.

**Hazardous decomposition products**

Carbon oxides, nitrogen oxides. Dit is again a standard decomposition inference for this type of compound.

## 11. Toxicological information

Detailed toxicological data are limited in the sources reviewed. Public supplier SDS sources do, however, support an irritant classification for skin and eyes in some cases.

Likely routes of exposure: inhalation of dust, skin contact, eye contact, ingestion.

## 12. Ecological information

Limited ecological data available in the reviewed sources. Avoid release into the environment.

## 13. Disposal considerations

Dispose of contents/container in accordance with local, regional and national regulations. Use licensed chemical waste disposal where applicable.

## 14. Transport information

Not identified in the reviewed supplier sources as dangerous goods for standard transport classes; still transport in sealed, properly labelled containers. This is a cautious wording because I did not verify a full ADR/IATA entry directly from an official transport database.

## 15. Regulatory information

This product is supplied as a chemical reference material for laboratory/research use. CLP classification used in this draft: **Skin Irrit. 2, H315; Eye Irrit. 2, H319** based on supplier SDS sources reviewed.

## 16. Other information

This SDS draft is prepared for product safety communication and laboratory handling purposes.

Not intended for food, medicinal, cosmetic or household use.

User should verify purity, batch data and final classification against supplier documentation and internal compliance policy before publication.

