Safety Data Sheet (SDS)

According to Regulation (EC) No. 1907/2006 (REACH)
Product: Pramiracetam
CAS number: 68497-62-1
Revision date: 12 March 2026

---

1. Identification of the substance and of the company

Product identifier

Product name: Pramiracetam
CAS number: 68497-62-1
Synonyms: Amacetam

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)

Acute toxicity (oral), Category 4

H302 Harmful if swallowed

Label elements

Pictogram: GHS07

Signal word: **Warning**

Hazard statement:

H302 Harmful if swallowed

Precautionary statements

P264 Wash thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P301+P312 IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell.
P330 Rinse mouth.
P501 Dispose of contents/container in accordance with local regulations.

---

3. Composition / information on ingredients

Substance: Pramiracetam

CAS number: 68497-62-1

Molecular formula: C14H27N3O2

Molecular weight: 269.38 g/mol

Purity: typically ≥98%

---

4. First aid measures

General advice

Remove affected person from exposure and ensure fresh air.

Inhalation

Move person to fresh air. Seek medical attention if symptoms occur.

Skin contact

Wash thoroughly with soap and water.

Eye contact

Rinse cautiously with water for several minutes.

Ingestion

Rinse mouth. Seek medical advice if feeling unwell.

---

5. Firefighting measures

Suitable extinguishing media

Water spray
Carbon dioxide
Dry chemical powder
Foam

Special hazards

Combustion may produce carbon oxides and nitrogen oxides.

Protective equipment

Firefighters should wear self-contained breathing apparatus.

---

6. Accidental release measures

Personal precautions

Avoid dust formation and inhalation. Use appropriate protective equipment.

Environmental precautions

Prevent entry into drains or waterways.

Cleanup methods

Collect material using suitable laboratory procedures and place in appropriate waste container.

---

7. Handling and storage

Handling

Use standard laboratory safety practices. Avoid inhalation of dust and direct contact with skin or eyes.

Storage

Store in a tightly sealed container.
Keep in a cool, dry and well-ventilated area.

---

8. Exposure controls / personal protection

Exposure limits

No occupational exposure limits established.

Engineering controls

Use adequate ventilation.

Personal protective equipment

Eye protection: safety glasses
Gloves: nitrile or chemical resistant gloves
Respiratory protection: dust mask if required

---

9. Physical and chemical properties

Appearance: white to off-white crystalline powder
Odor: odorless or faint odor
Solubility: slightly soluble in water
Molecular weight: 269.38 g/mol

---

10. Stability and reactivity

Chemical stability

Stable under recommended storage conditions.

Conditions to avoid

Excessive heat
Moisture

Hazardous decomposition

Carbon oxides
Nitrogen oxides

11. Toxicological information

Based on available toxicological data the substance is classified as:

Acute toxicity (oral), Category 4 – H302 Harmful if swallowed

Hazard classification is based on data for the pure substance.

Exposure routes may include inhalation of dust, ingestion, skin contact and eye contact.

12. Ecological information

Limited ecological data available.

Avoid release into the environment.

13. Disposal considerations

Dispose of material in accordance with local regulations.

Chemical waste should be handled by licensed disposal services.

14. Transport information

Not classified as dangerous goods according to transport regulations:

ADR (road)
IMDG (sea)
IATA (air)

15. Regulatory information

This product is supplied as a **chemical reference material for laboratory use**.

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

Acute Toxicity Category 4 – H302

16. Other information

This Safety Data Sheet provides information for safe handling in laboratory environments.

The product is supplied **for research and analytical use only**.

The information provided is believed to be accurate but does not constitute a guarantee of product properties.