

Safety Data Sheet (SDS)

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

Product: Aniracetam

CAS number: 72432-10-1

Revision date: 12 March 2026

1. Identification of the substance and of the company

Product identifier

Product name: Aniracetam

CAS number: 72432-10-1

Synonyms: N-Anisoyl-2-pyrrolidinone

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)

Not classified as hazardous.

Label elements

Not classified according to CLP.

Other hazards

Handle in accordance with standard laboratory safety practices. Avoid inhalation of dust and contact with skin or eyes.

3. Composition / information on ingredients

Substance: Aniracetam

CAS number: 72432-10-1

Molecular formula: $C_{12}H_{13}NO_3$

Molecular weight: 219.24 g/mol

Purity: typically $\geq 98\%$

4. First aid measures

General advice

Remove affected person from exposure and ensure access to 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. Do not induce vomiting. Seek medical advice if necessary.

5. Firefighting measures

Suitable extinguishing media

Water spray
Carbon dioxide
Dry chemical powder
Foam

Special hazards

Combustion may produce nitrogen oxides and carbon oxides.

Protective equipment

Firefighters should wear self-contained breathing apparatus.

6. Accidental release measures

Personal precautions

Avoid inhalation of dust. Use appropriate protective equipment.

Environmental precautions

Prevent release into drains or waterways.

Cleanup methods

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

7. Handling and storage

Handling

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

Storage

Store in 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

Ensure adequate ventilation.

Personal protective equipment

Eye protection: safety glasses

Gloves: chemical-resistant gloves (e.g. nitrile)

Respiratory protection: dust mask if necessary

9. Physical and chemical properties

Appearance: white crystalline powder

Odor: odorless or faint odor

Solubility: slightly soluble in water, soluble in organic solvents

Molecular weight: 219.24 g/mol

10. Stability and reactivity

Chemical stability

Stable under recommended storage conditions.

Conditions to avoid

Excessive heat

Moisture

Hazardous decomposition

Nitrogen oxides

Carbon oxides

11. Toxicological information

Limited toxicological data available.

Not classified according to CLP based on available information.

Handle as a laboratory chemical and avoid exposure.

12. Ecological information

Limited ecological data available.

Avoid release into the environment.

13. Disposal considerations

Dispose of in accordance with local regulations.

Chemical waste should be handled by licensed disposal services.

14. Transport information

Not classified as dangerous goods according to:

ADR (road transport)

IMDG (sea transport)

IATA (air transport)

15. Regulatory information

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

Not classified as hazardous according to Regulation (EC) No. 1272/2008.

16. Other information

This information is provided for laboratory safety and handling purposes.

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

The information contained in this Safety Data Sheet is believed to be accurate but does not constitute a guarantee of product properties.

