

Safety Data Sheet (SDS)

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

Product: NSI-189 phosphate

CAS number: 1270138-41-4

Revision date: 13 March 2026

1. Identification of the substance and of the company

Product identifier

Product name: NSI-189 phosphate

CAS number: 1270138-41-4

Synonyms: Amdiglurax phosphate; NSI-189 phosphate.

Relevant identified uses

Chemical reference material

Laboratory research and analytical applications

Not intended for food, drug, cosmetic or household use. A reviewed public SDS phrases the intended use as **for R&D use only** and **not for medicinal, household or other 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 according to the public SDS source reviewed for this draft. That SDS lists **“no data available”** for classification and hazard statements, with no pictograms or signal word shown.

Label elements

Pictograms: None

Signal word: None

Hazard statements: None. This follows the reviewed public SDS, which provides no hazard statement data.

Other hazards

No specific additional hazards were identified in the reviewed public SDS; it states **no data available** under other hazards. Standard laboratory precautions remain appropriate.

3. Composition / information on ingredients

Substance: NSI-189 phosphate

CAS number: 1270138-41-4

Molecular formula: C₂₂H₃₃N₄O₅P

Molecular weight: 464.49 g/mol.

Purity: typically $\geq 98\%$

This purity line should match your own batch/COA; the public sources I found do not establish a single authoritative assay value.

4. First aid measures

General advice

Remove affected person from exposure and ensure fresh air.

Inhalation

Move person to fresh air. If breathing is difficult, give oxygen. If not breathing, seek immediate medical assistance. This follows the reviewed public SDS.

Skin contact

Remove contaminated clothing. Wash skin thoroughly with soap and plenty of water. Consult a doctor if needed.

Eye contact

Rinse with water for at least 15 minutes. Seek medical advice if irritation persists.

Ingestion

Rinse mouth. Do not induce vomiting. Never give anything by mouth to an unconscious person. Contact a doctor or poison centre.

5. Firefighting measures

Suitable extinguishing media

Dry chemical
Carbon dioxide
Alcohol-resistant foam.

Special hazards

No specific combustion hazards were identified in the reviewed public SDS.

Protective equipment

Firefighters should wear self-contained breathing apparatus.

6. Accidental release measures

Personal precautions

Avoid dust formation. Avoid breathing mist, gas, vapours or dust. Avoid contact with skin and eyes. Use personal protective equipment and ensure adequate ventilation.

Environmental precautions

Do not allow the material to enter drains. Avoid discharge into the environment.

Cleanup methods

Collect and place in suitable closed containers for disposal. Use non-sparking tools and explosion-proof equipment where appropriate. Dispose in accordance with applicable regulations.

7. Handling and storage

Handling

Handle in a well-ventilated place. Wear suitable protective clothing. Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Use non-sparking tools.

Storage

Store tightly closed in a dry, cool and well-ventilated place. Store away from foodstuff containers and incompatible materials.

8. Exposure controls / personal protection

Exposure limits

No occupational exposure limits were identified in the reviewed public SDS.

Engineering controls

Ensure adequate ventilation and handle in accordance with good industrial hygiene and safety practice.

Personal protective equipment

Eye protection: safety goggles meeting EN 166 or equivalent

Gloves: chemical-resistant gloves

Respiratory protection: full-face respirator if exposure limits are exceeded or symptoms occur.

9. Physical and chemical properties

Appearance: no data available

Odor: no data available

Solubility: no data available

Physical state: no data available in the reviewed public SDS.

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10. Stability and reactivity

Reactivity

No data available.

Chemical stability

No data available.

Conditions to avoid

No data available.

Incompatible materials

No data available.

Hazardous decomposition

No data available.

11. Toxicological information

Acute toxicity: no data available
Skin irritation: no data available
Eye irritation: no data available
Sensitisation: no data available
Carcinogenicity: no data available
Reproductive toxicity: no data available
STOT: no data available
Aspiration hazard: no data available.

Exposure routes may include inhalation of dust, ingestion, skin contact and eye contact. This is an inference from the first-aid and spill guidance in the reviewed SDS.

12. Ecological information

Ecotoxicity: no data available
Persistence and degradability: no data available
Bioaccumulative potential: no data available
Mobility in soil: no data available.

Avoid release into the environment.

13. Disposal considerations

Dispose through a licensed chemical disposal service or controlled incineration with appropriate flue gas scrubbing. Do not contaminate water, foodstuffs, feed or seed by storage or disposal. Do not discharge to sewer systems.

14. Transport information

ADR/RID: no data available

IMDG: no data available

IATA: no data available

Environmental hazards: No.

Voor Rexar zou ik dit praktisch formuleren als: **not classified as dangerous goods based on the limited public transport data available**, maar zonder harder te claimen dan de bron toelaat.

15. Regulatory information

Public inventory/regulatory listings in the reviewed SDS are largely marked **not listed**, including EINECS/EC Inventory and TSCA.

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

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 based on limited public safety documentation and chemical identity records and is believed to be accurate, but does not constitute a guarantee of product properties.