

## SAFETY DATA SHEET (SDS)

in accordance with Regulation (EC) No 1907/2006 (REACH), Annex II — Regulation (EU) 2020/878

Date: 02.09.2026 | Version: 1 | EN

## azotyn potasu

potassium nitrite

CAS 7758-09-0

KNO<sub>2</sub>

EC 231-832-4

MOLAR MASS  
85.10

## HAZARD CLASSIFICATION (GHS / CLP)



Danger

H272

H301

H400

Hazard class scope limited to the harmonised classification (CLP Annex VI); classes outside the harmonised entry may require supplier self-classification (CLP Art. 4(3)) — verify with the supplier safety data sheet.

## 1. Identification of the substance/mixture and of the company/undertaking

|                       |                                 |
|-----------------------|---------------------------------|
| 1.1 Substance name    | azotyn potasu                   |
| 1.1 IUPAC name        | potassium nitrite               |
| 1.1 CAS number        | 7758-09-0                       |
| 1.1 EC number         | 231-832-4                       |
| 1.1 PubChem CID       | 516910                          |
| 1.1 InChIKey          | BXNHTSHTPBPRFX-UHFFFAOYSA-M     |
| 1.1 SMILES            | N(=O)[O-].[K+]                  |
| 1.1 Molecular formula | KNO <sub>2</sub> <sup>[7]</sup> |
| 1.1 Molar mass        | 85.104 g/mol <sup>[7]</sup>     |
| 1.1 Exact mass        | 84.9566 Da <sup>[7]</sup>       |

## 1.2 Uses

For laboratory and research purposes. Not for use in the production of food, medicines or cosmetics without appropriate authorisation.

## 1.3 Details of the supplier

REFERENCE COPY — NO  
SUPPLIER DETAILS — NOT FOR  
DISTRIBUTION

Supplier details are not included in this reference copy. The supplier placing the substance on the market must complete this section and remains responsible for the sheet under REACH. MolGod.org prepares documentation and is not the supplier of this substance.

## 1.4 Emergency telephone number

Emergency telephone 112 (EU-wide emergency number)

## 2. Hazards identification



**Danger**

### Hazard statements (H) <sup>[3][4][8]</sup>

|             |                              |
|-------------|------------------------------|
| <b>H272</b> | May intensify fire; oxidiser |
| <b>H301</b> | Toxic if swallowed           |
| <b>H400</b> | Very toxic to aquatic life   |

### Precautionary statements (P) <sup>[3][4][8]</sup>

|                  |                                                                                               |
|------------------|-----------------------------------------------------------------------------------------------|
| <b>P210</b>      | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking |
| <b>P220</b>      | Keep away from clothing and other combustible materials                                       |
| <b>P264</b>      | Wash thoroughly after handling                                                                |
| <b>P270</b>      | Do not eat, drink or smoke when using this product                                            |
| <b>P273</b>      | Avoid release to the environment                                                              |
| <b>P280</b>      | Wear protective gloves/protective clothing/eye protection/face protection                     |
| <b>P301+P310</b> | IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician                            |
| <b>P330</b>      | Rinse mouth                                                                                   |
| <b>P370+P378</b> | In case of fire: Use appropriate media to extinguish                                          |
| <b>P391</b>      | Collect spillage                                                                              |
| <b>P501</b>      | Dispose of contents/container to an approved waste collection point                           |

**Hazard class scope limited to the harmonised classification (CLP Annex VI); classes outside the harmonised entry may require supplier self-classification (CLP Art. 4(3)) — verify with the supplier safety data sheet.**

### 3. Composition/information on ingredients

|                   |                                                                                       |
|-------------------|---------------------------------------------------------------------------------------|
| Substance type    | pure substance                                                                        |
| CAS Number        | 7758-09-0                                                                             |
| EC number         | 231-832-4                                                                             |
| Molecular formula | KNO <sub>2</sub>                                                                      |
| Concentration     | ≥99% (typical reagent-grade purity — to be confirmed by the supplier's specification) |
| Clp index no      | 007-011-00-X                                                                          |

### 4. First aid measures



#### Inhalation

Move the affected person to fresh air. Keep at rest. If not breathing: artificial respiration (qualified personnel only). [\[1\]\[2\]\[10\]](#)

#### Skin contact

Remove contaminated clothing. Rinse skin with soap and water (min. 15 minutes). [\[1\]\[2\]\[10\]](#)

#### Eye contact

Rinse eyes with running water (min. 15 minutes). Remove contact lenses if possible. If irritation persists — consult an ophthalmologist. [\[1\]\[2\]\[10\]](#)

#### Ingestion

Do NOT induce vomiting (unless directed by a physician). Rinse mouth with water. Never give anything by mouth to an unconscious person. Poison Centre Łódź: +48 42 631 47 24 (24/7). Emergency number: 112. [\[1\]\[2\]\[10\]](#)

#### Symptoms and effects

nausea, vomiting, diarrhoea. [\[3\]\[8\]](#)

#### Notes for physician

Requires verification

**Emergency numbers: CIT Łódź: +48 42 631 47 24 (24/7) | Emergency: 112**

### 5. Firefighting measures

|                                |                                                                                                 |
|--------------------------------|-------------------------------------------------------------------------------------------------|
| Suitable extinguishing media   | Water in LARGE quantities (cooling). Water mist. <a href="#">[1][2][10]</a>                     |
| Unsuitable extinguishing media | CO <sub>2</sub> and dry powder (ineffective for an oxidiser). <a href="#">[1][2][10]</a>        |
| Specific hazards               | Thermal decomposition products:NOx. <a href="#">[11]</a>                                        |
| Advice for firefighters        | Use self-contained breathing apparatus (SCBA). Full protective suit. <a href="#">[1][2][10]</a> |

### 6. Accidental release measures

|                                         |                                                                                                                                                                 |
|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Personal precautions                    | Use personal protective equipment (see Section 8). Avoid breathing dust. <a href="#">[1][2][10]</a>                                                             |
| Environmental precautions               | Prevent entry into sewers, groundwater and surface water. <a href="#">[1][2][10]</a>                                                                            |
| Methods for containment and cleaning up | Collect mechanically into suitable containers. Absorption: sand, vermiculite, diatomaceous earth. Do not sweep dry (dust formation). <a href="#">[1][2][10]</a> |
| Related sections                        | 8; 13                                                                                                                                                           |

### 7. Handling and storage

|                     |                                                                                                                               |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Precautions         | Work in a fume hood or with adequate ventilation. No eating, drinking or smoking in the work area. <a href="#">[1][2][10]</a> |
| Storage temperature | Store at room temperature (15-25°C) or as indicated on the label. <a href="#">[1][2][10]</a>                                  |
| Humidity            | Store in a dry place (<60% RH). <a href="#">[1][2][10]</a>                                                                    |

Light

Protect from direct sunlight. [1][2][10]

Incompatible materials

Strong oxidizers, strong acids, strong bases. [11]

## 8. Exposure controls/personal protection

### 8.1 Control parameters

|                    |                                                                                                                                                    |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| OEL — NDS (Poland) | No NDS (OEL) value in the available working list — verify in the current MRPiPS regulation before use; do not assume the absence of a limit value. |
| OEL (EU)           | The EU OEL value has not been verified against the available dataset — check the IOELV/BOELV directives; do not assume the absence of a value.     |
| DNEL               | No data available.                                                                                                                                 |
| PNEC               | No data available.                                                                                                                                 |

### 8.2 Personal protective equipment (PPE) [5][6][12]

|                                                                                                                                                                                                                                                       |                                                                                                                                                                      |                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <br><b>Chemical-resistant protective gloves</b><br>EN ISO 374-1:2016+A1:2018<br>fluoroelastomer FKM (Viton), min. 0.4 mm — NOT nitrile (breakthrough within minutes) | <br><b>Closed safety spectacles or goggles</b><br>EN ISO 16321-1:2022 / EN 166:2001 | <br><b>Closed safety footwear with toe protection</b><br>EN ISO 20345:2022 (S2/S3) |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## 9. Physical and chemical properties

| Property (item 9.1)             | Value                         | Source |
|---------------------------------|-------------------------------|--------|
| Physical state                  | Solid                         |        |
| Colour                          | No data available.            |        |
| Odour                           | No data available.            |        |
| pH (1% aqueous solution)        | No data available.            |        |
| Melting point                   | 441°C (experimental data) [7] |        |
| Boiling point                   | 537°C (experimental data) [7] |        |
| Flash point                     | Not applicable (REACH 9.1(h)) |        |
| Flammability                    | No data available.            |        |
| Lower and upper explosion limit | Not applicable (REACH 9.1(g)) |        |
| Density (20°C)                  | 1.915 g/cm <sup>3</sup> [7]   |        |
| Vapour pressure                 | No data available.            |        |
| Relative vapour density         | Not applicable (REACH 9.1(q)) |        |
| Kinematic viscosity             | Not applicable (REACH 9.1(l)) |        |
| Auto-ignition temperature       | No data available.            |        |
| Decomposition temperature       | No data available.            |        |
| Rozpuszcz. w wodzie             | No data available.            |        |

| Property (item 9.1)             | Value                                                                                                                                                                | Source |
|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| <b>Particle characteristics</b> | The particle size distribution has not been determined for this commercial form – required under Annex II 9.1(r); to be completed from the supplier's specification. |        |
| <b>log Kow (XLogP3)</b>         | Not applicable (REACH 9.1(n))                                                                                                                                        |        |
| <b>Molar mass</b>               | 85.104 g/mol <sup>[7]</sup>                                                                                                                                          |        |
| <b>Molecular formula</b>        | KN <sub>3</sub> <sup>[7]</sup>                                                                                                                                       |        |

Where a property above reads "No data available", no measured value was found in the public sources consulted for this substance. The property has not been determined by MolGod.org and no value is inferred. "Not applicable" means the property has no meaning for this substance in the form supplied.

## 10. Stability and reactivity

|                               |                                                                                                                                                                    |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Reactivity</b>             | Stable under normal storage and handling conditions.                                                                                                               |
| <b>Chemical stability</b>     | May undergo violent catalytic decomposition on contact with heavy metals (Mn, Fe, Cu, Cr) or contaminants. <sup>[11]</sup>                                         |
| <b>Hazardous reactions</b>    | Catalytic decomposition may proceed violently, releasing large amounts of oxygen, which accelerates the fire of surrounding combustible materials. <sup>[11]</sup> |
| <b>Conditions to avoid</b>    | Temperature >50°C, UV light, heavy metals, organic contaminants. Decomposition releasing oxygen (O <sub>2</sub> ) and heat. <sup>[11]</sup>                        |
| <b>Incompatible materials</b> | Strong oxidizers, strong acids, strong bases.                                                                                                                      |
| <b>Decomposition products</b> | Thermal decomposition products:NOx.                                                                                                                                |

## 11. Toxicological information

|                                              |                                                                                                                                                            |
|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>LD50 (oral)</b>                           | No data available.                                                                                                                                         |
| <b>LD50 (dermal)</b>                         | No data available.                                                                                                                                         |
| <b>LC50 (inhalation)</b>                     | LC50 85000 mg/m <sup>3</sup> (2 h) (mouse) <sup>[7]</sup>                                                                                                  |
| <b>Skin irritation</b>                       | Not classified for this hazard (outside the scope of the harmonised classification in CLP Annex VI; verify supplier self-classification) <sup>[3][8]</sup> |
| <b>Eye irritation</b>                        | Not classified for this hazard (outside the scope of the harmonised classification in CLP Annex VI; verify supplier self-classification) <sup>[3][8]</sup> |
| <b>Sensitisation</b>                         | Not classified for this hazard (outside the scope of the harmonised classification in CLP Annex VI; verify supplier self-classification) <sup>[3][8]</sup> |
| <b>Mutagenicity</b>                          | Not classified for this hazard (outside the scope of the harmonised classification in CLP Annex VI; verify supplier self-classification) <sup>[3][8]</sup> |
| <b>Carcinogenicity</b>                       | Not classified for this hazard (outside the scope of the harmonised classification in CLP Annex VI; verify supplier self-classification) <sup>[3][8]</sup> |
| <b>IARC classification (carcinogenicity)</b> | No individual IARC monograph for this CAS — this is not confirmation of the absence of carcinogenicity (cf. CLP/GHS classification in section 2).          |
| <b>Reproductive toxicity</b>                 | Not classified for this hazard (outside the scope of the harmonised classification in CLP Annex VI; verify supplier self-classification) <sup>[3][8]</sup> |
| <b>STOT — single exposure</b>                | Not classified for this hazard (outside the scope of the harmonised classification in CLP Annex VI; verify supplier self-classification) <sup>[3][8]</sup> |
| <b>STOT — repeated exposure</b>              | Not classified for this hazard (outside the scope of the harmonised classification in CLP Annex VI; verify supplier self-classification) <sup>[3][8]</sup> |
| <b>Aspiration hazard</b>                     | Not classified for this hazard (outside the scope of the harmonised classification in CLP Annex VI; verify supplier self-classification) <sup>[3][8]</sup> |

## 12. Ecological information

|                                        |                                                                                                                                                                                                                                                                                                                     |
|----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Aquatic toxicity</b>                | Harmonised classification (CLP Annex VI): H400 — Very toxic to aquatic life (Aquatic Acute 1). Numerical LC <sub>50</sub> /EC <sub>50</sub> data unverified in the available dataset — do not assume absence of toxicity.(M-factor for acute/chronic cat. 1 — to be verified per Table 3 of Annex VI, if assigned.) |
| <b>Persistence / biodegradability</b>  | No data available.                                                                                                                                                                                                                                                                                                  |
| <b>Bioaccumulative potential</b>       | No data available.                                                                                                                                                                                                                                                                                                  |
| <b>Mobility in soil</b>                | No data available.                                                                                                                                                                                                                                                                                                  |
| <b>PBT/vPvB assessment</b>             | Insufficient data to assess PBT/vPvB.                                                                                                                                                                                                                                                                               |
| <b>Endocrine disrupting properties</b> | Zgłoszone efekty endokrynne u organizmów wodnych (dane ekotoksykologiczne, US EPA ECOTOX; nie stanowią regulacyjnej klasyfikacji ED wg 2018/605). [PL] <sup>[13]</sup>                                                                                                                                              |

## 13. Disposal considerations

|                         |                                                                                                                                                              |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Disposal method</b>  | Hand over for disposal to licensed contractors in accordance with national and local regulations. Do not discharge into sewers.                              |
| <b>Waste code (EWC)</b> | 16 05 06* — Laboratory and analytical chemicals (np. chemical reagents) zawierające substancje niebezpieczne. EWC code verification required. <sup>[9]</sup> |
| <b>Packaging</b>        | Cleaned packaging may be recycled. Contaminated packaging must be treated as hazardous waste.                                                                |

## 14. Transport information



Class 5.1 — Oxidising substances



Class 6.1 — Toxic substances

|                                                        |                                                                                                                                                                   |
|--------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>UN number</b>                                       | UN 1488 <sup>[7]</sup>                                                                                                                                            |
| <b>Transport hazard class</b>                          | Suggested from GHS classification — VERIFICATION REQUIRED.                                                                                                        |
| <b>Environmental hazard</b>                            | CLP classification (H400) indicates aquatic environmental hazard — marine pollutant marking may be required; confirm per ADR 2.2.9 / IMDG criteria <sup>[3]</sup> |
| <b>Special precautions</b>                             | Handle as dangerous goods according to the assigned class (ADR/IMDG/IATA); apply the precautions appropriate to that class.                                       |
| <b>CN/HS code</b>                                      | CN/HS code: verification required in the Eurostat Combined Nomenclature.                                                                                          |
| <b>Notes</b>                                           | UN number per the indicated source. Verify the transport class and packing group in ADR Table A / UN Model Regulations before shipment. <sup>[7]</sup>            |
| <b>Environmentally hazardous (mark: fish and tree)</b> | Yes                                                                                                                                                               |

## 15. Regulatory information

|                         |                                                                                                                                                                             |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>SVHC status</b>      | SVHC status not verified against the available dataset — check the current ECHA Candidate List; do not assume absence. <sup>[1]</sup>                                       |
| <b>REACH Annex XIV</b>  | Not verified against the ECHA Authorisation List — check REACH Annex XIV. <sup>[1]</sup>                                                                                    |
| <b>REACH Annex XVII</b> | Not confirmed in the available Annex XVII dataset — verify against the current ECHA list before placing on the market; do not assume absence of restriction. <sup>[1]</sup> |

## 16. Other information

Substance type: oxidizer

Legal status of classification: harmonised under CLP Annex VI — Reg. (EC) No 1272/2008 (as at the date of issue). Entries with an entry-into-force date after 02.09.2026 were omitted as future (not yet applicable).

Data aggregated automatically from public reference databases (PubChem, ECHA, NIST and others).

### Scientific citations (10)

David Pavot. A Gap or Lacuna in the World Anti-Doping Code? Remarks on the CAS Interpretation in IOC, WADA, and ISU v. RUSADA, Kamila Valieva and Russian Olympic Committee (CAS OG 22-08, CAS OG 22-09, and CAS OG 22-10). *Frontiers in Sports and Active Living* (2022). DOI: 10.3389/fspor.2022.946608

Michel Phan. Innovation de services : le cas du Plaza Athénée Paris. *Décisions Marketing* (2007). DOI: 10.7193/dm.048.09.19

Avaneesh Balasubramanian, Gopalakrishnan Sai Gautam. Extending the Pnictide Chemical Space for Photovoltaics. *arXiv* (2608.30402v1) (2026).

Jian-Feng Zhang, Sheng Xu, Zhong-Yi Lu et al.. Symmetry-Preserving Phase Transitions in  $\text{Sb}_2\text{Te}_3$  Materials under Pressure. *arXiv* (2608.28957v1) (2026).

Patrick Schmidt, Fabian Strauß, Marcus Scheele et al.. Intercalation of Alkali Metal into  $\text{WTe}_2$ , the Crystal Structure of  $\text{A}_0.5\text{WTe}_2$  and Observation of a Metal-to-Semiconductor Transition. *arXiv* (2608.25090v1) (2026). DOI: 10.1039/d5dt02775f

### Full text of H statements

|             |                              |
|-------------|------------------------------|
| <b>H272</b> | May intensify fire; oxidiser |
| <b>H301</b> | Toxic if swallowed           |
| <b>H400</b> | Very toxic to aquatic life   |

### Full text of P statements

|                  |                                                                                               |
|------------------|-----------------------------------------------------------------------------------------------|
| <b>P210</b>      | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking |
| <b>P220</b>      | Keep away from clothing and other combustible materials                                       |
| <b>P264</b>      | Wash thoroughly after handling                                                                |
| <b>P270</b>      | Do not eat, drink or smoke when using this product                                            |
| <b>P273</b>      | Avoid release to the environment                                                              |
| <b>P280</b>      | Wear protective gloves/protective clothing/eye protection/face protection                     |
| <b>P301+P310</b> | IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician                            |
| <b>P330</b>      | Rinse mouth                                                                                   |
| <b>P370+P378</b> | In case of fire: Use appropriate media to extinguish                                          |
| <b>P391</b>      | Collect spillage                                                                              |
| <b>P501</b>      | Dispose of contents/container to an approved waste collection point                           |

### Abbreviations

|             |                                                                                     |
|-------------|-------------------------------------------------------------------------------------|
| <b>ADR</b>  | European Agreement concerning the International Carriage of Dangerous Goods by Road |
| <b>ATE</b>  | Acute Toxicity Estimate                                                             |
| <b>CAS</b>  | Chemical Abstracts Service                                                          |
| <b>CLP</b>  | Classification, Labelling and Packaging (Reg. (EC) 1272/2008)                       |
| <b>CMR</b>  | Carcinogenic, Mutagenic, toxic to Reproduction                                      |
| <b>DNEL</b> | Derived No-Effect Level                                                             |
| <b>EC</b>   | European Community number                                                           |
| <b>EPI</b>  | Personal protective equipment                                                       |
| <b>GHS</b>  | Globally Harmonized System                                                          |
| <b>IATA</b> | International Air Transport Association                                             |
| <b>IMDG</b> | International Maritime Dangerous Goods Code                                         |
| <b>SDS</b>  | Safety Data Sheet                                                                   |
| <b>LC50</b> | Lethal Concentration, 50%                                                           |

|              |                                                                                            |
|--------------|--------------------------------------------------------------------------------------------|
| <b>LD50</b>  | Lethal Dose, 50%                                                                           |
| <b>NDS</b>   | Maximum admissible concentration (workplace, PL)                                           |
| <b>NDSCh</b> | Short-term exposure limit (PL)                                                             |
| <b>OEL</b>   | Occupational Exposure Limit                                                                |
| <b>PBT</b>   | Persistent, Bioaccumulative and Toxic                                                      |
| <b>PNEC</b>  | Predicted No-Effect Concentration                                                          |
| <b>REACH</b> | Registration, Evaluation, Authorisation and Restriction of Chemicals (Reg. (EC) 1907/2006) |
| <b>STOT</b>  | Specific Target Organ Toxicity                                                             |
| <b>SVHC</b>  | Substance of Very High Concern                                                             |
| <b>TPSA</b>  | Topological Polar Surface Area                                                             |
| <b>vPvB</b>  | very Persistent and very Bioaccumulative                                                   |

### Version history

**v1 (02.09.2026)** Based on ECHA harmonised classification (Annex VI to CLP, ATP 23).

### References

- [1] EP and Council. Reg.(EC) No 1907/2006 (REACH). Art.31, Annex II. OJ EU L 396/2006. URL: <https://eur-lex.europa.eu/eli/reg/2006/1907/oj> Accessed: 2026-09-02.
- [2] European Commission. Reg.(EU) 2020/878 — amending Annex II REACH. OJ EU L 203/2020. From 01.01.2023. URL: <https://eur-lex.europa.eu/eli/reg/2020/878/oj> Accessed: 2026-09-02.
- [3] EP and Council. Reg.(EC) 1272/2008 (CLP) + ATP 23. OJ EU L 353/2008. (2026-07-07) URL: <https://eur-lex.europa.eu/eli/reg/2008/1272/oj> Accessed: 2026-09-02.
- [4] United Nations. GHS Rev.9. ST/SG/AC.10/30/Rev.9. New York and Geneva: United Nations, 2021. URL: <https://unece.org/transport/dangerous-goods/ghs-rev9-2021> Accessed: 2026-09-02.
- [5] ISO. ISO 7010:2019 — Graphical symbols. Safety signs. URL: <https://www.iso.org/standard/72424.html> Accessed: 2026-09-02.
- [6] ISO. ISO 3864-1:2011 — Safety colours and safety signs. URL: <https://www.iso.org/standard/51021.html> Accessed: 2026-09-02.
- [7] PubChem. National Center for Biotechnology Information (NIH/NLM), chemical compound database. URL: <https://pubchem.ncbi.nlm.nih.gov/compound/516910>
- [8] ECHA. European Chemicals Agency — harmonised classification inventory (CLP Annex VI). URL: <https://echa.europa.eu>
- [9] European Commission. Decision 2000/532/EC establishing a list of wastes (European Waste Catalogue). OJ EU L 226/3. URL: <https://eur-lex.europa.eu/eli/dec/2000/532/oj>
- [10] European Chemicals Agency (ECHA). Guidance on the Compilation of Safety Data Sheets. Version 4.0. Helsinki: European Chemicals Agency, 2020. URL: [https://echa.europa.eu/documents/10162/2324906/sds\\_en.pdf](https://echa.europa.eu/documents/10162/2324906/sds_en.pdf)
- [11] Urben, P.G., ed. Bretherick's Handbook of Reactive Chemical Hazards. 8th ed. Oxford: Academic Press.
- [12] CEN. Personal protective equipment standards (EN ISO 374-1, EN 166, EN 149, EN 14387, EN ISO 20345). Brussels: European Committee for Standardization.
- [13] U.S. EPA. ECOTOX Knowledgebase. Washington, DC: U.S. Environmental Protection Agency. URL: <https://cfpub.epa.gov/ecotox/>
- [14] MRIPS Regulation of 12.06.2018 — NDS/NDN. Journal of Laws 2024 item 1017. URL: <https://isap.sejm.gov.pl/isap.nsf/DocDetails.xsp?id=WDU20240001017> Accessed: 2026-09-02.

### External links

NIST: <https://webbook.nist.gov/cgi/cbook.cgi?ID=7758-09-0>  
 Wikidata: <https://www.wikidata.org/wiki/Q409179>  
 ChEMBL: [https://www.ebi.ac.uk/chembl/compound\\_report\\_card/ChEMBL3186418](https://www.ebi.ac.uk/chembl/compound_report_card/ChEMBL3186418)

**NFPA 704** (supplementary information — NFPA/USA system; not a required element of an EU safety data sheet under REACH Annex II)



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**Generator:** Document generated automatically from ECHA harmonised classification (Annex VI to CLP) and public physicochemical databases.

**Author:** [www.MolGod.org](http://www.MolGod.org) — platform for automated safety data sheets (SDS).

Issue date: 02.09.2026 | Document version: 1