

# SAFETY DATA SHEET (SDS)

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

Date: 02.08.2026 | Version: 1 | EN

## copper sulphate pentahydrate

CAS 7758-99-8

$\text{CuH}_{10}\text{O}_9\text{S}$

EC 231-847-6



MOLAR MASS

249.69

### HAZARD CLASSIFICATION (GHS / CLP)



**Danger**

H302 H318 H400 H410

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    | copper sulphate pentahydrate                       |
| 1.1 IUPAC name        | copper;sulfate;pentahydrate                        |
| 1.1 CAS number        | 7758-99-8                                          |
| 1.1 EC number         | 231-847-6                                          |
| 1.1 PubChem CID       | 24463                                              |
| 1.1 InChIKey          | JZCCFEFSEZPSOG-UHFFFAOYSA-L                        |
| 1.1 SMILES            | <chem>O.O.O.O.O.[O-]S(=O)(=O)[O-].[Cu+2]</chem>    |
| 1.1 Molecular formula | $\text{CuH}_{10}\text{O}_9\text{S}$ <sup>[7]</sup> |
| 1.1 Molar mass        | 249.69 g/mol <sup>[7]</sup>                        |
| 1.1 Exact mass        | 248.9342 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

|              |                                              |
|--------------|----------------------------------------------|
| Name         | ADVANCED CHEMISTRY R&D SOLUTIONS             |
| Address      | ul. Juliana Przybosa 8, 21-400 Łuków, Poland |
| Tax ID (NIP) |                                              |
| Tel.         |                                              |
| E-mail       |                                              |
| Website      |                                              |

## 1.4 Emergency telephone number

### Emergency telephone

+48 42 631 47 24

Toxicological Information Centre (CIT), Łódź — available 24/7

## 2. Hazards identification



**Danger**

### Hazard statements (H) [3][4][8]

|             |                                                      |
|-------------|------------------------------------------------------|
| <b>H302</b> | Harmful if swallowed                                 |
| <b>H318</b> | Causes serious eye damage                            |
| <b>H400</b> | Very toxic to aquatic life                           |
| <b>H410</b> | Very toxic to aquatic life with long lasting effects |

### Precautionary statements (P) [3][4][8]

|                       |                                                                                                                                 |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------|
| <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+P312</b>      | IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell                                                       |
| <b>P305+P351+P338</b> | IF IN EYES: Rinse cautiously with water for several minutes; Remove contact lenses, if present and easy to do. Continue rinsing |
| <b>P310</b>           | Immediately call a POISON CENTER or doctor/physician                                                                            |
| <b>P330</b>           | Rinse mouth                                                                                                                     |
| <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                                                          | 7758-99-8                                                                             |
| EC number                                                           | 231-847-6                                                                             |
| Molecular formula                                                   | $\text{CuH}_{10}\text{O}_9\text{S}$                                                   |
| Concentration                                                       | ≥99% (typical reagent-grade purity — to be confirmed by the supplier's specification) |
| Clp index no                                                        | 029-023-00-4                                                                          |
| Specyficzne stężenia graniczne / M-współczynnik (CLP Zał. VI Tab.3) | M-współczynnik: 10, 1 · ATE: oral: ATE = 481 mg/kg [PL] [3]                           |

### 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][11]

#### Skin contact

Remove contaminated clothing. Rinse skin with soap and water (min. 15 minutes). [1][2][11]

#### Eye contact

Rinse eyes with running water (min. 15 minutes). Remove contact lenses if possible. Call an ophthalmologist immediately. [1][2][11]

#### 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][11]

#### Symptoms and effects

nausea, vomiting, diarrhoea; eye irritation and watering. [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   | Adapt extinguishing media to surroundings. CO <sub>2</sub> , dry powder, foam. |
| Unsuitable extinguishing media | No specific restrictions.                                                      |
| Specific hazards               | Thermal decomposition products: SO <sub>x</sub> . [12]                         |
| Advice for firefighters        | Use self-contained breathing apparatus (SCBA). Full protective suit.           |

### 6. Accidental release measures

|                                         |                                                                                                                                                         |
|-----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| Personal precautions                    | Use personal protective equipment (see Section 8). Avoid breathing dust/vapours. [1][2][11]                                                             |
| Environmental precautions               | Prevent entry into sewers, groundwater and surface water. [1][2][11]                                                                                    |
| Methods for containment and cleaning up | Absorb with inert material (sand, vermiculite, diatomaceous earth) and collect into sealed, labelled containers. Do not release into drains. [1][2][11] |
| 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. [1][2][11] |
| Storage temperature | Store at room temperature (15-25°C) or as indicated on the label. [1][2][11]                                  |
| Humidity            | Store in a dry place (<60% RH). [1][2][11]                                                                    |

**Light**Protect from direct sunlight. <sup>[1][2][11]</sup>**Incompatible materials**Strong oxidizers, strong acids, strong bases. <sup>[12]</sup>**8. Exposure controls/personal protection****8.1 Control parameters**

|                           |                                                                                                                                                    |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>OEL — NDS (Poland)</b> | 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. |
| <b>OEL (EU)</b>           | 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.     |
| <b>DNEL</b>               | No data available.                                                                                                                                 |
| <b>PNEC</b>               | No data available.                                                                                                                                 |

**8.2 Personal protective equipment (PPE)** <sup>[5][6][13]</sup>

|                                                                                                                                                                                               |                                                                                                                                                                           |                                                                                                                                                   |                                                                                                                                                                           |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p><b>Chemical-resistant protective gloves</b><br/>EN ISO 374-1:2016+A1:2018<br/>nitrile (min. 0.11 mm)</p> |  <p><b>Closed safety spectacles or goggles</b><br/>EN ISO 16321-1:2022 / EN 166:2001</p> |  <p><b>Face shield (splash risk)</b><br/>EN ISO 16321-1:2022</p> |  <p><b>Closed safety footwear with toe protection</b><br/>EN ISO 20345:2022 (S2/S3)</p> |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

**9. Physical and chemical properties**

| Property (item 9.1)                                | Value                                                      | Source |
|----------------------------------------------------|------------------------------------------------------------|--------|
| <b>Physical state</b>                              | No data available.                                         |        |
| <b>Colour</b>                                      | No data available.                                         |        |
| <b>Odour</b>                                       | No data available.                                         |        |
| <b>pH (1% aqueous solution)</b>                    | No data available.                                         |        |
| <b>Melting point</b>                               | No data available.                                         |        |
| <b>Boiling point</b>                               | No data available.                                         |        |
| <b>Flash point</b>                                 | No data available.                                         |        |
| <b>Flammability</b>                                | No data available.                                         |        |
| <b>Lower and upper explosion limit</b>             | No data available.                                         |        |
| <b>Density (20°C)</b>                              | 2.284 g/cm <sup>3</sup> (experimental data) <sup>[7]</sup> |        |
| <b>Vapour pressure</b>                             | No data available.                                         |        |
| <b>Relative vapour density</b>                     | No data available.                                         |        |
| <b>Kinematic viscosity</b>                         | No data available.                                         |        |
| <b>Refractive index n<sub>D</sub><sup>20</sup></b> | 1.514 (experimental data) <sup>[7]</sup>                   |        |
| <b>Auto-ignition temperature</b>                   | No data available.                                         |        |
| <b>Decomposition temperature</b>                   | Not applicable                                             |        |
| <b>Rozpuszcz. w wodzie</b>                         | No data available.                                         |        |
| <b>Particle characteristics</b>                    | No data available.                                         |        |

| Property (item 9.1)      | Value                                             | Source |
|--------------------------|---------------------------------------------------|--------|
| <b>log Kow (XLogP3)</b>  | Not applicable (REACH 9.1(n))                     |        |
| <b>Molar mass</b>        | 249.69 g/mol <sup>[7]</sup>                       |        |
| <b>Molecular formula</b> | CuH <sub>10</sub> O <sub>9</sub> S <sup>[7]</sup> |        |

## 10. Stability and reactivity

|                               |                                                       |
|-------------------------------|-------------------------------------------------------|
| <b>Reactivity</b>             | Stable under normal storage and handling conditions.  |
| <b>Chemical stability</b>     | Thermally stable under recommended conditions.        |
| <b>Hazardous reactions</b>    | No hazardous reactions known under normal conditions. |
| <b>Conditions to avoid</b>    | High temperatures, direct sunlight, moisture.         |
| <b>Incompatible materials</b> | Strong oxidizers, strong acids, strong bases.         |
| <b>Decomposition products</b> | Thermal decomposition products:SOx.                   |

## 11. Toxicological information

|                                              |                                                                                                                                                            |
|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>LD50 (oral)</b>                           | LD50 960 mg/kg (rat, oral) <sup>[7]</sup>                                                                                                                  |
| <b>LD50 (dermal)</b>                         | No data available.                                                                                                                                         |
| <b>LC50 (inhalation)</b>                     | No data available.                                                                                                                                         |
| <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>                        | Category 1 — serious eye damage.                                                                                                                           |
| <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); H410 — Very toxic to aquatic life with long lasting effects (Aquatic Chronic 1)(M-factor for acute/chronic cat. 1 — to be verified per Table 3 of Annex VI, if assigned.). LC <sub>50</sub> (fish): 0.032 mg/L (Oncorhynchus mykiss, 96 h). EC <sub>50</sub> (Daphnia): 0.182 mg/L (Daphnia magna, 48 h) <sup>[14]</sup> |
| <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> | No information.                                                                                                                                                                                                                                                                                                                                                                                                         |

## 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>[10]</sup> |
| <b>Packaging</b>        | Cleaned packaging may be recycled. Contaminated packaging must be treated as hazardous waste.                                                                 |

## 14. Transport information

|                                                        |                                                                                                                                                                        |
|--------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>UN number</b>                                       | UN 3288 <sup>[7]</sup>                                                                                                                                                 |
| <b>Environmental hazard</b>                            | CLP classification (H400/H410) 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

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 02.08.2026 were omitted as future (not yet applicable).

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

#### Full text of H statements

|             |                                                      |
|-------------|------------------------------------------------------|
| <b>H302</b> | Harmful if swallowed                                 |
| <b>H318</b> | Causes serious eye damage                            |
| <b>H400</b> | Very toxic to aquatic life                           |
| <b>H410</b> | Very toxic to aquatic life with long lasting effects |

#### Full text of P statements

|                       |                                                                                                                                 |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------|
| <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+P312</b>      | IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell                                                       |
| <b>P305+P351+P338</b> | IF IN EYES: Rinse cautiously with water for several minutes; Remove contact lenses, if present and easy to do. Continue rinsing |
| <b>P310</b>           | Immediately call a POISON CENTER or doctor/physician                                                                            |
| <b>P330</b>           | Rinse mouth                                                                                                                     |
| <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 (02.08.2026)

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: 2026-08-02.
- [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: 2026-08-02.
- [3] EP and Council. Reg.(EC) 1272/2008 (CLP) + ATP 23. OJ EU L 353/2008. URL: <https://eur-lex.europa.eu/eli/reg/2008/1272/oj> Accessed: 2026-08-02.
- [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: 2026-08-02.
- [5] ISO. ISO 7010:2019 — Graphical symbols. Safety signs. URL: <https://www.iso.org/standard/72424.html> Accessed: 2026-08-02.
- [6] ISO. ISO 3864-1:2011 — Safety colours and safety signs. URL: <https://www.iso.org/standard/51021.html> Accessed: 2026-08-02.
- [7] PubChem. National Center for Biotechnology Information (NIH/NLM), chemical compound database. URL: <https://pubchem.ncbi.nlm.nih.gov/compound/24463>
- [8] ECHA. European Chemicals Agency — harmonised classification inventory (CLP Annex VI). URL: <https://echa.europa.eu>
- [9] ECHA. REACH Registration Dossier (registered substance, acute toxicity study record). Helsinki: European Chemicals Agency. URL: <https://echa.europa.eu/registration-dossier>
- [10] 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>
- [11] 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)
- [12] Urban, P.G., ed. Bretherick's Handbook of Reactive Chemical Hazards. 8th ed. Oxford: Academic Press.
- [13] CEN. Personal protective equipment standards (EN ISO 374-1, EN 166, EN 149, EN 14387, EN ISO 20345). Brussels: European Committee for Standardization.
- [14] U.S. EPA. ECOTOX Knowledgebase. Washington, DC: U.S. Environmental Protection Agency. URL: <https://cfpub.epa.gov/ecotox/>
- [15] 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: 2026-08-02.

## External links

NIST: <https://webbook.nist.gov/cgi/cbook.cgi?ID=7758-99-8>

**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).

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