

SAFETY DATA SHEET (SDS)

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

Date: 07.09.2026 | Version: 5 | EN

methanol

methanol

CAS 67-56-1

CH₄O

EC 200-659-6

MOLAR MASS
32.04LOGP
-0.77

HAZARD CLASSIFICATION (GHS / CLP)



Danger

H225 H331 H311 H301 H370

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	methanol
1.1 IUPAC name	methanol
1.1 CAS number	67-56-1
1.1 EC number	200-659-6
1.1 PubChem CID	887
1.1 InChIKey	OKKJLVBELUTLKV-UHFFFAOYSA-N
1.1 SMILES	CO
1.1 Molecular formula	CH ₄ O ^[7]
1.1 Molar mass	32.042 g/mol ^[7]
1.1 Exact mass	32.0262 Da ^[7]

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)

Contact the poison centre designated in the country of placing on the market (CLP Art. 45).

2. Hazards identification



Danger

Hazard statements (H) ^{[3][4][12]}

H225	Highly flammable liquid and vapour
H331	Toxic if inhaled
H311	Toxic in contact with skin
H301	Toxic if swallowed
H370	Causes damage to organs

Precautionary statements (P) ^{[3][4][12]}

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking
P233	Keep container tightly closed
P240	Ground and bond container and receiving equipment
P260	Do not breathe dust/fume/gas/mist/vapours/spray
P264	Wash thoroughly after handling
P270	Do not eat, drink or smoke when using this product
P271	Use only outdoors or in a well-ventilated area
P280	Wear protective gloves/protective clothing/eye protection/face protection
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
P302+P352	IF ON SKIN: Wash with plenty of water
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing; Rinse skin with water or shower
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing
P308+P311	IF exposed or concerned: Call a POISON CENTER or doctor/physician
P311	Call a POISON CENTER or doctor/physician
P312	Call a POISON CENTER or doctor/physician if you feel unwell
P321	Specific treatment
P330	Rinse mouth
P370+P378	In case of fire: Use appropriate media to extinguish
P403+P235	Store in a well-ventilated place: Keep cool

P403+P233

Store in a well-ventilated place: Keep container tightly closed

P405

Store locked up

P501

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	67-56-1
EC number	200-659-6
Molecular formula	CH ₄ O
Concentration	≥99% (typical reagent-grade purity — to be confirmed by the supplier's specification)
Clp index no	603-001-00-X
Specyficzne stężenia graniczne / M-współczynnik (CLP Zał. VI Tab.3)	SCL: H370: C≥10 %; H371: 3 % ≤ C<10 % ^[3]

4. First aid measures



Inhalation

Move the affected person to fresh air. Keep at rest. Call a physician. Semi-sitting position. Give oxygen if available. If not breathing: artificial respiration (qualified personnel only). ^{[1][2][17]}

Skin contact

Remove contaminated clothing. Rinse skin with soap and water (min. 15 minutes). Call a physician immediately. ^{[1][2][17]}

Eye contact

Rinse eyes with running water (min. 15 minutes). Remove contact lenses if possible. If irritation persists — consult an ophthalmologist. ^{[1][2][17]}

Ingestion

Do NOT induce vomiting (unless directed by a physician). Rinse mouth with water. Never give anything by mouth to an unconscious person. Emergency number: 112 (EU-wide). Contact the poison centre designated in your country (CLP Art. 45). ^{[1][2][17]}

Symptoms and effects

nausea, vomiting, diarrhoea; cough, shortness of breath, headache, dizziness. ^{[3][12]}

Notes for physician

Requires verification

**Emergency numbers: Emergency: 112 (EU-wide).
Poison centre: as designated in the country of placing on the market (CLP Art. 45).**

5. Firefighting measures

Suitable extinguishing media	Alcohol-resistant foam, carbon dioxide (CO ₂), dry chemical powder, water spray/mist. ^{[1][2][17]}
Unsuitable extinguishing media	Full/compact water jet (splashes and spreads the burning liquid, which floats on water). ^{[1][2][17]}
Specific hazards	Thermal decomposition products: CO, CO ₂ . ^[18]
Advice for firefighters	Use self-contained breathing apparatus (SCBA). Full protective suit. ^{[1][2][17]}
Flash Point	9°C ^[7]
Auto-ignition temperature	463.9°C ^[7]

6. Accidental release measures

Personal precautions	Use personal protective equipment (see Section 8). Avoid breathing vapours. ^{[1][2][17]}
Environmental precautions	Prevent entry into sewers, groundwater and surface water. ^{[1][2][17]}
Methods for containment and cleaning up	Contain the spill with a barrier. Absorb with inert material (sand, vermiculite, diatomaceous earth). Collect into sealed, labelled containers. Do not release into drains. Remove ignition sources; use non-sparking tools. ^{[1][2][17]}
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][17]}
Storage temperature	Store at room temperature (15-25°C) or as indicated on the label. ^{[1][2][17]}
Humidity	Store in a dry place (<60% RH). ^{[1][2][17]}
Light	Protect from direct sunlight. ^{[1][2][17]}
Incompatible materials	Strong oxidizers, Ignition sources, open flames. ^[18]

8. Exposure controls/personal protection

8.1 Control parameters

OEL — NDS (Poland)	NDS = 100 mg/m ³ (TWA) · NDSC _h = 300 mg/m ³ (STEL) — Rozp. MRiPS Dz.U. 2024 poz.1017 ^[28]
OEL (EU)	OEL-TWA: 200 ppm (260 mg/m ³) — IOELV 2006/15/EC — “skin” notation ^[13]
DNEL	No data available.
PNEC	No data available.

8.2 Personal protective equipment (PPE) ^{[5][6][19]}



Chemical-resistant protective gloves
EN ISO 374-1:2016+A1:2018
nitrile (min. 0.11 mm)



Closed safety spectacles or goggles
EN ISO 16321-1:2022 / EN 166:2001



Respiratory protection
EN 14387:2004+A1:2008
type AX-P3 filter (low-boiling organic vapours + particles)



Chemical-resistant protective clothing
EN 13034:2005+A1:2009 (typ 6) / EN 14126:2003 (bio)



Closed safety footwear with toe protection
EN ISO 20345:2022 (S2/S3)

9. Physical and chemical properties

Property (item 9.1)	Value	Source
Physical state	Liquid	

Property (item 9.1)	Value	Source
Colour	No data available.	
Odour	No data available.	
pH (1% aqueous solution)	No data available.	
Melting point	-97.53°C [8] [7][24][26][27]	
Boiling point	64.7°C [8] [7][24][26][27]	
Flash point	9°C [7][24]	
Flammability	Flam. Liq. 2 (H225) [3][12]	
Lower and upper explosion limit	6–50 % obj. [24]	
Density (20°C)	0.792 g/cm³ [7][24][26][27]	
Vapour pressure	12.266 kPa (92 mmHg, 20°C) [7][24]	
Relative vapour density	1.11 [23]	
Dynamic viscosity	0.544 mPa·s [7]	
Kinematic viscosity	No data available.	
Refractive index nD ²⁰	1.3292 (experimental data) [7]	
Auto-ignition temperature	463.9°C (experimental data) [7]	
Decomposition temperature	Not applicable	
Surface Tension	22.5 mN/m [9]	
Rozpuszcz. w wodzie	Miscible with water in all proportions.	
Particle characteristics	Not applicable (REACH 9.1(r))	
Partition coefficient n-octanol/water (log value)	-0.77 [7][25][26][27]	
Molar mass	32.042 g/mol [7]	
Molecular formula	CH ₄ O [7]	
Lipinski rule (RO5)	PASS	

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

Reactivity	Stable under normal storage and handling conditions.
Chemical stability	Thermally stable under recommended conditions.
Hazardous reactions	No hazardous reactions known under normal conditions.
Conditions to avoid	High temperatures, direct sunlight, moisture.
Incompatible materials	Strong oxidizers, Ignition sources, open flames.
Decomposition products	Thermal decomposition products:CO, CO ₂ .

11. Toxicological information

LD50 (oral)	5628 mg/kg (rat) [10][11]
LD50 (dermal)	No data available.
LC50 (inhalation)	LC50 64000 ppm (4 h) (rat) [7]

Skin irritation	Not classified for this hazard (outside the scope of the harmonised classification in CLP Annex VI; verify supplier self-classification) ^{[3][12]}
Eye irritation	Not classified for this hazard (outside the scope of the harmonised classification in CLP Annex VI; verify supplier self-classification) ^{[3][12]}
Sensitisation	Not classified for this hazard (outside the scope of the harmonised classification in CLP Annex VI; verify supplier self-classification) ^{[3][12]}
Mutagenicity	Not classified for this hazard (outside the scope of the harmonised classification in CLP Annex VI; verify supplier self-classification) ^{[3][12]}
Carcinogenicity	Not classified for this hazard (outside the scope of the harmonised classification in CLP Annex VI; verify supplier self-classification) ^{[3][12]}
IARC classification (carcinogenicity)	No individual IARC monograph for this CAS — this is not confirmation of the absence of carcinogenicity (cf. CLP/GHS classification in section 2).
Reproductive toxicity	Not classified for this hazard (outside the scope of the harmonised classification in CLP Annex VI; verify supplier self-classification) ^{[3][12]}
STOT — single exposure	Category 1 (H370): Causes damage to organs. ^{[3][12]}
STOT — repeated exposure	Not classified for this hazard (outside the scope of the harmonised classification in CLP Annex VI; verify supplier self-classification) ^{[3][12]}
Aspiration hazard	Not classified for this hazard (outside the scope of the harmonised classification in CLP Annex VI; verify supplier self-classification) ^{[3][12]}

12. Ecological information

Aquatic toxicity	LC ₅₀ (fish): 290 mg/L (Danio rerio, 96 h). EC ₅₀ (Daphnia): 22200 mg/L (Daphnia obtusa, 48 h). EC ₅₀ (algae): 16.9 mg/L (Ulva pertusa, 96 h) ^[22]
Persistence / biodegradability	No data available.
Bioaccumulative potential	log Kow = -0.77. Low bioaccumulation potential (log Kow < 4.5 — PBT/vPvB screening criterion per ECHA Guidance R.11). ^{[20][21]}
Mobility in soil	No data available.
PBT/vPvB assessment	Insufficient data to assess PBT/vPvB.
Endocrine disrupting properties	Zgłoszone efekty endokrynne u organizmów wodnych (dane ekotoksykologiczne, US EPA ECOTOX; nie stanowią regulacyjnej klasyfikacji ED wg 2018/605). [PL] ^[22]

13. Disposal considerations

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

14. Transport information



Class 3 — Flammable liquids



Class 6.1 — Toxic substances

UN number	UN 1230 ^[15]
Proper shipping name	METANOL ^[15]
Transport hazard class	3 — Flammable liquids (+ 6.1 subsidiary hazard) ^[15]
Packing Group	II ^[15]

Environmental hazard	Not classified as environmentally hazardous for transport (no H400/H410/ H411 in CLP Annex VI; no marine pollutant mark required) ^[3]
Special precautions	Handle as dangerous goods according to the assigned class (ADR/IMDG/IATA); apply the precautions appropriate to that class.
CN/HS code	CN/HS code: verification required in the Eurostat Combined Nomenclature.
Notes	Dangerous goods. Toxic if inhaled/swallowed.
Environmentally hazardous (mark: fish and tree)	No

15. Regulatory information

SVHC status	SVHC status not verified against the available dataset — check the current ECHA Candidate List; do not assume absence. ^[1]
REACH Annex XIV	Not verified against the ECHA Authorisation List — check REACH Annex XIV. ^[1]
REACH Annex XVII	Subject to REACH restriction Annex XVII (entry69): Methanol — restriction on placing on the market for the general public in windscreen washer fluids and defrosters at a concentration $\geq 0.6\%$ by weight. ^[1]

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 07.09.2026 were omitted as future (not yet applicable).

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

Scientific citations (10)

Hafiz Ramadhan, Rina Helmina, Yuni Fahriana et al., FORMULASI GEL EKSTRAK METANOL DAUN BALIK ANGIN (Alphitonia incana (Roxb.) Teijsm. & Binn. Ex Kurz). Farmasains (2024). DOI: 10.22236/farmasains.v11i2.9863

Amanda T. L. Sousa LAT de, Raul de S. Andreza de, Erivania F. Alves EF et al., Evaluación de la actividad antibacterial de extractos metanol y hexano, el tallo rodadura Melissa Officinalis L.. Revista Ciencias de la Salud (2016). DOI: 10.12804/revsalud14.02.2016.05

Zelita Fitri Ente, Opir Rumape, Suleman Duengo. Ekstrak Metanol Daun Srikaya (Annona squamosa L.) Sebagai Insektisida Nabati Terhadap Mortalitas Hama Ulat Grayak (Spodoptera litura). Jambura Journal of Chemistry (2020). DOI: 10.34312/jambchem.v2i1.2464

Emre Mutlu, Yasemin Balci, Çetin Seçkin. Muğla'da Metanol Zehirlenmesine Bağlı Ölümler: Olgu Serisi. The Bulletin of Legal Medicine (2022). DOI: 10.17986/blm.1570

William Giovanni Cortés-Ortiz, Carlos Alberto Guerrero Fajardo. Oxidación catalítica selectiva para la conversión de metano a metanol: Una revisión. Ciencia e Ingeniería Neogranadina (2017). DOI: 10.18359/rcin.2623

Full text of H statements

H225	Highly flammable liquid and vapour
H331	Toxic if inhaled
H311	Toxic in contact with skin
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Full text of P statements

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P271	Use only outdoors or in a well-ventilated area
P280	Wear protective gloves/protective clothing/eye protection/face protection

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P321	Specific treatment
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P501	Dispose of contents/container to an approved waste collection point

Abbreviations

ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
CAS	Chemical Abstracts Service
CLP	Classification, Labelling and Packaging (Reg. (EC) 1272/2008)
CMR	Carcinogenic, Mutagenic, toxic to Reproduction
DNEL	Derived No-Effect Level
EC	European Community number
EPI	Personal protective equipment
GHS	Globally Harmonized System
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods Code
SDS	Safety Data Sheet
LC50	Lethal Concentration, 50%
LD50	Lethal Dose, 50%
NDS	Maximum admissible concentration (workplace, PL)
NDSch	Short-term exposure limit (PL)
OEL	Occupational Exposure Limit
PBT	Persistent, Bioaccumulative and Toxic
PNEC	Predicted No-Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals (Reg. (EC) 1907/2006)
STOT	Specific Target Organ Toxicity
SVHC	Substance of Very High Concern
TPSA	Topological Polar Surface Area
vPvB	very Persistent and very Bioaccumulative

Version history

v5 (07.09.2026)	Based on ECHA harmonised classification (Annex VI to CLP, ATP 23).
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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: 2026-09-07.
- [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: 2026-09-07.
- [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: 2026-09-07.
- [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: 2026-09-07.
- [5] ISO. ISO 7010:2019 — Graphical symbols. Safety signs. URL: <https://www.iso.org/standard/72424.html> Accessed: 2026-09-07.
- [6] ISO. ISO 3864-1:2011 — Safety colours and safety signs. URL: <https://www.iso.org/standard/51021.html> Accessed: 2026-09-07.
- [7] PubChem. National Center for Biotechnology Information (NIH/NLM), chemical compound database. URL: <https://pubchem.ncbi.nlm.nih.gov/compound/887>
- [8] NIST. Chemistry WebBook, SRD 69. National Institute of Standards and Technology. URL: <https://webbook.nist.gov/cgi/cbook.cgi?ID=67-56-1>
- [9] Reid, R.C., Prausnitz, J.M., Poling, B.E. The Properties of Gases and Liquids. 4th ed. New York: McGraw-Hill, 1987.
- [10] NIOSH. Registry of Toxic Effects of Chemical Substances (RTECS). Cincinnati: NIOSH. URL: <https://www.cdc.gov/niosh/rtecs>
- [11] U.S. EPA. Integrated Risk Information System (IRIS). Washington, DC: U.S. Environmental Protection Agency. URL: <https://www.epa.gov/iris>
- [12] ECHA. European Chemicals Agency — harmonised classification inventory (CLP Annex VI). URL: <https://echa.europa.eu>
- [13] European Commission. Directive 2006/15/EC establishing a second list of indicative occupational exposure limit values. OJ EU L 38/36. URL: <https://eur-lex.europa.eu/eli/dir/2006/15/oj>
- [14] ECHA. REACH Registration Dossier (registered substance, acute toxicity study record). Helsinki: European Chemicals Agency. URL: <https://echa.europa.eu/registration-dossier>
- [15] UNECE. European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR), 2025 edition (ECE/TRANS/352). Geneva: United Nations. URL: <https://unece.org/adr>
- [16] 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>
- [17] 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
- [18] Urban, P.G., ed. Bretherick's Handbook of Reactive Chemical Hazards. 8th ed. Oxford: Academic Press.
- [19] CEN. Personal protective equipment standards (EN ISO 374-1, EN 166, EN 149, EN 14387, EN ISO 20345). Brussels: European Committee for Standardization.
- [20] ECHA. Guidance on Information Requirements and Chemical Safety Assessment, Chapter R.11: PBT/vPvB Assessment. Helsinki: European Chemicals Agency. URL: <https://echa.europa.eu/guidance-documents/guidance-on-information-requirements-and-chemical-safety-assessment>
- [21] European Parliament and Council. Regulation (EC) No 1907/2006 (REACH), Annex XIII — Criteria for the identification of PBT and vPvB substances. OJ EU L 396/2006 (consolidated). URL: <https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:02006R1907-20140410>
- [22] U.S. EPA. ECOTOX Knowledgebase. Washington, DC: U.S. Environmental Protection Agency. URL: <https://cfpub.epa.gov/ecotox/>
- [23] MOL-GOD. Value obtained by calculation from the molecular formula/molecular weight (the specific quantity and its formula are indicated at the respective field). Calculated value, not an experimental measurement. URL: <https://www.nist.gov/pml/atomic-weights-and-isotopic-compositions-relative-atomic-masses>
- [24] DECHEMA, PTB, and BAM. CHEMSAFE - Database of Evaluated Safety Characteristics for the Avoidance of Explosions. Frankfurt am Main: DECHEMA e.V.; Braunschweig/Berlin: Physikalisch-Technische Bundesanstalt and Bundesanstalt für Materialforschung und -prüfung. URL: <https://www.chemsafe.ptb.de>
- [25] Sangster, J. "Octanol-Water Partition Coefficients of Simple Organic Compounds." Journal of Physical and Chemical Reference Data 18, no. 3 (1989): 1111-1229. URL: <https://doi.org/10.1063/1.555833>
- [26] OECD. eChemPortal — Global Portal to Information on Chemical Substances. URL: <https://www.echemportal.org>
- [27] OCHEM. Online Chemical Modeling Environment - experimental physicochemical property database compiled from peer-reviewed literature. Edited by I. Sushko et al. URL: <https://ochem.eu>
- [28] 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: 2026-09-07.

External links

NIST: <https://webbook.nist.gov/cgi/cbook.cgi?ID=67-56-1>
Wikidata: <https://www.wikidata.org/wiki/Q14982>
ChEMBL: https://www.ebi.ac.uk/chembl/compound_report_card/CHEMBL14688

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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Author: www.MolGod.org — platform for automated safety data sheets (SDS).

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