

SAFETY DATA SHEET

(REACH regulation (EC) n° 1907/2006 - n° 2020/878)

SECTION 1 : IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name : ALCOOL METHYLIQUE/METHANOL/METHYLALKOHOL
Product code : 060105072F.

1.2. Relevant identified uses of the substance or mixture and uses advised against

solvent.

1.3. Details of the supplier of the safety data sheet

Registered company name : FOREVER PRODUCTS N.V..
Address : 122 rue de la Glacerie.6180.COURCELLES.Belgique.
Telephone : 071/46.85.15. Fax : 071/46.85.69.
chulin@forever-products.be
www.forever-products.be
Contactpersoon, personne à cont.: Christelle Hulin

1.4. Emergency telephone number : 070 245 245.

Association/Organisation : Antigifcentrum België, centre anti-poison.

SECTION 2 : HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

In compliance with EC regulation No. 1272/2008 and its amendments.

Flammable liquid, Category 2 (Flam. Liq. 2, H225).
Acute oral toxicity, Category 3 (Acute Tox. 3, H301).
Acute dermal toxicity, Category 3 (Acute Tox. 3, H311).
Acute inhalation toxicity, Category 3 (Acute Tox. 3, H331).
Specific target organ toxicity (single exposure), Category 1 (STOT SE 1, H370).
This substance does not present an environmental hazard. No known or foreseeable environmental damage under standard conditions of use.

2.2. Label elements

In compliance with EC regulation No. 1272/2008 and its amendments.

Hazard pictograms :



Signal Word :

DANGER

Product identifiers :

603-001-00-X METHANOL

Hazard statements :

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

Precautionary statements - General :

P102 Keep out of reach of children.

Precautionary statements - Prevention :

P210 Keep away from heat/sparks/open flames/hot surfaces. — No smoking.
P260 Do not breathe vapours.
P263 Avoid contact during pregnancy/while nursing.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary statements - Response :

P303 + P361 + P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with

water/shower.

Precautionary statements - Disposal :

P501

To eliminate the contents/container in accordance with the regulation
local/regional/national/international.

Other information :

2.3. Other hazards

The substance does not fulfil the PBT or vPvP criteria in accordance with annexe XIII of the REACH regulations EC 1907/2006.

SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS**3.1. Substances****Composition :**

Identification	(EC) 1272/2008	Note	%
INDEX: 603-001-00-X CAS: 67-56-1 EC: 200-659-6 REACH: 01-2119433307-44 METHANOL	GHS02, GHS06, GHS08 Dgr Flam. Liq. 2, H225 Acute Tox. 3, H331 Acute Tox. 3, H311 Acute Tox. 3, H301 STOT SE 1, H370	[1] [XVII]	50 <= x % < 100

Specific concentration limits:

Identification	Specific concentration limits	ATE
INDEX: 603-001-00-X CAS: 67-56-1 EC: 200-659-6 REACH: 01-2119433307-44 METHANOL	STOT SE 1 (Cut) : H370 C>= 10% STOT SE 2: H371 3% <= C < 10% STOT SE 1 (Oral) : H370 C>= 10% STOT SE 2: H371 3% <= C < 10% STOT SE 1 (Inh) : H370 C>= 10% STOT SE 2: H371 3% <= C < 10%	

Information on ingredients :

[XVII] Restricted substance under Regulation (EC) No. 1907/2006 (REACH), Annex XVII.

[1] Substance for which maximum workplace exposure limits are available.

SECTION 4 : FIRST AID MEASURES

As a general rule, in case of doubt or if symptoms persist, always call a doctor.

NEVER induce swallowing by an unconscious person.

4.1. description of first aid measures**In the event of exposure by inhalation :**

To consult a doctor by showing him the label of the product.

Remove to fresh air

In the event of splashes or contact with eyes :

Wash with plenty of clean, fresh water for several minutes.

If irritation persists, consult a Ophthalmology.

In the event of splashes or contact with skin :

Remove any soiled or splashed clothing immediately.

Wash skin with water and soap and rinse thoroughly.

In the event of swallowing :

To call upon a doctor immediately.

Optionally administering a solution of sodium chloride (2-3 tablespoons in 500 mL water).

4.2. Most important symptoms and effects, both acute and delayed

Headache, fainting, numbness, dizziness, weakness.

Risk of fainting.

4.3. Indication of any immediate medical attention and special treatment needed

No data available.

SECTION 5 : FIREFIGHTING MEASURES

Flammable.

5.1. Extinguishing media

Suitable methods of extinction

In the event of a fire, use :

- foam
- water jet
- powder

Unsuitable methods of extinction

In the event of a fire, do not use :

- sprayed water or water mist

5.2. Special hazards arising from the substance or mixture

In the event of a fire, the following may be formed :

- carbon monoxide (CO)
- nitrogen oxide (NO)

Combustion gases of a fire to be classed as respiratory poison.

5.3. Advice for firefighters

Cool containers / holding tank with water spray.

Due to the toxicity of gases evolved during thermal decomposition products, are to be equipped with self-contained breathing apparatus.

The residues of fire and the water of contaminated extinction must be eliminated in accordance with the local regulation into force.

SECTION 6 : ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Consult the safety measures listed under headings 7 and 8.

For first aid worker

First aid workers will be equipped with suitable personal protective equipment (See section 8).

6.2. Environmental precautions

Prevent any material from entering drains or waterways.

Condensing the gas, vapor, mist spraying water.

6.3. Methods and material for containment and cleaning up

Put the contaminated materials to an approved body (see section 13).

Collect liquid with absorbent material sand, diatomite, binders, universal binders, sawdust, ...

6.4. Reference to other sections

Eliminate all ignition sources.

SECTION 7 : HANDLING AND STORAGE

Requirements relating to storage premises apply to all facilities where the substance is handled.

7.1. Precautions for safe handling

No data available.

Fire prevention :

Avoid accumulation of electrostatic charges.

Recommended equipment and procedures :

For personal protection, see section 8.

Prohibited equipment and procedures :

No smoking, eating or drinking in areas where the substance is used.

7.2. Conditions for safe storage, including any incompatibilities

Store in original packaging and properly closed.

Storage

Keep out of reach of children.

Packaging

Always keep in packaging made of an identical material to the original.

7.3. Specific end use(s)

No data available.

SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Occupational exposure limits :

- European Union (2022/431, 2019/1831, 2017/2398, 2017/164, 2009/161, 2006/15/CE, 2000/39/CE, 98/24/CE) :

CAS	VME-mg/m3 :	VME-ppm :	VLE-mg/m3 :	VLE-ppm :	Notes :
67-56-1	260	200	-	-	Peau

- ACGIH TLV (American Conference of Governmental Industrial Hygienists, Threshold Limit Values, 2010) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
67-56-1	200 ppm	250 ppm		Skin; BEI	

- Belgium (Royal decree of 11/05/2021) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
67-56-1	200 ppm 266 mg/m ³	250 ppm 333 mg/m ³		D	

- France (INRS - Outils 65 / 2021-1849, 2021-1763, decree of 09/12/2021) :

CAS	VME-ppm :	VME-mg/m3 :	VLE-ppm :	VLE-mg/m3 :	Notes :	TMP No :
67-56-1	200	260	1000	1300	(12)	84

- UK / WEL (Workplace exposure limits, EH40/2005, Fourth Edition 2020) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
67-56-1	200 ppm 266 mg/m ³	250 ppm 333 mg/m ³		Sk	

Derived no effect level (DNEL) or derived minimum effect level (DMEL):

METHANOL (CAS: 67-56-1)

Final use:

Exposure method:

Potential health effects:

DNEL :

Exposure method:

Potential health effects:

DNEL :

Exposure method:

Potential health effects:

DNEL :

Exposure method:

Potential health effects:

DNEL :

Exposure method:

Potential health effects:

DNEL :

Exposure method:

Potential health effects:

DNEL :

Exposure method:

Potential health effects:

DNEL :

Exposure method:

Potential health effects:

DNEL :

Consumers.

Ingestion.

Short term systemic effects.

8 mg/kg body weight/day

Ingestion.

Long term systemic effects.

8 mg/kg body weight/day

Dermal contact.

Short term systemic effects.

8 mg/kg body weight/day

Dermal contact.

Long term systemic effects.

8 mg/kg body weight/day

Inhalation.

Long term systemic effects.

50 mg of substance/m3

Inhalation.

Short term systemic effects.

50 mg of substance/m3

Inhalation.

Short term local effects.

50 mg of substance/m3

Inhalation.

Long term local effects.

50 mg of substance/m3

Predicted no effect concentration (PNEC):

METHANOL (CAS: 67-56-1)

Environmental compartment:

PNEC :

Fresh water.

20.8 mg/l

Environmental compartment:

PNEC :

Sea water.

2.08 g/l

Environmental compartment:

PNEC :

Intermittent waste water.

1.54 mg/l

Environmental compartment:

Fresh water sediment.

PNEC :	77 mg/kg
Environmental compartment:	Marine sediment.
PNEC :	7.7 mg/kg
Environmental compartment:	Waste water treatment plant.
PNEC :	100 mg/l

8.2. Exposure controls

Personal protection measures, such as personal protective equipment

Pictogram(s) indicating the obligation of wearing personal protective equipment (PPE) :



Use personal protective equipment that is clean and has been properly maintained.

- Eye / face protection

Before handling, wear safety goggles in accordance with standard EN166.

Wear goggles tight.

- Hand protection

Type of gloves recommended :

- PVC (polyvinyl chloride)
- Butyl Rubber (Isobutylene-isoprene copolymer)

- Body protection

Clothing fireproof and antistatic protection.

- Respiratory protection

In case of longer exposure, wear a breathing apparatus independent of the ambient air.

Filter recommended: P3.

SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state

Physical state :	Fluid liquid.
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Colour

Unspecified

Odour

Odour threshold :	Not stated.
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Melting point

Melting point/melting range :	-97 °C.
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Freezing point

Freezing point / Freezing range :	Not stated.
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Boiling point or initial boiling point and boiling range

Boiling point/boiling range :	64 °C.
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Flammability

Flammability (solid, gas) :	Not stated.
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Lower and upper explosion limit

Explosive properties, lower explosivity limit (%) :	5
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Explosive properties, upper explosivity limit (%) :	36
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Flash point

Flash Point :	9.70 °C.
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Auto-ignition temperature

Self-ignition temperature :	455 °C.
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Decomposition temperature

Decomposition point/decomposition range :	Not specified.
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pH

pH :	Not relevant.
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pH (aqueous solution) :	Not stated.
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Kinematic viscosity

Viscosity :	0.544-0.59 mPa/s
Viscosity:	$\nu < 7 \text{ mm}^2/\text{s}$ (40°C)

Solubility

Water solubility :	Soluble.
Fat solubility :	Not stated.

Partition coefficient n-octanol/water (log value)

Partition coefficient: n-octanol/water :	-0.77 log POW
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Vapour pressure

Vapour pressure (50°C) :	Below 110 kPa (1.10 bar).
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Density and/or relative density

Density :	0.79 +/- 0.01
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Relative vapour density

Vapour density :	Not stated.
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9.2. Other information

No data available.

9.2.1. Information with regard to physical hazard classes

No data available.

9.2.2. Other safety characteristics

No data available.

SECTION 10 : STABILITY AND REACTIVITY**10.1. Reactivity**

See the sections below.

10.2. Chemical stability

This substance is stable under the recommended handling and storage conditions in section 7.

10.3. Possibility of hazardous reactions

Formation of explosive gas mixture with air.

10.4. Conditions to avoid

Avoid :

- accumulation of electrostatic charges.
- flames and hot surfaces
- contact with air

10.5. Incompatible materials

Keep away from :

- oxidising agents

10.6. Hazardous decomposition products

The thermal decomposition may release/form :

N/A

SECTION 11 : TOXICOLOGICAL INFORMATION**11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008****11.1.1. Substances****Skin corrosion/skin irritation :**

Non-irritating.

Serious damage to eyes/eye irritation :

Non-irritating.

Respiratory or skin sensitisation :

Not classified sensitizing.

Reproductive toxicant :

NOAEC, rat: 1.33 mg/l/m³

11.2. Information on other hazards**SECTION 12 : ECOLOGICAL INFORMATION****12.1. Toxicity**

12.2. Persistence and degradability

Readily biodegradable.

12.3. Bioaccumulative potential

Not bioaccumulative potentiellement.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

Not applicable.

12.6. Endocrine disrupting properties

No data available.

12.7. Other adverse effects

No data available.

German regulations concerning the classification of hazards for water (WGK, AwSV Annex I, KBws) :

WGK 2 : Hazardous for water.

SECTION 13 : DISPOSAL CONSIDERATIONS

Proper waste management of the substance and/or its container must be determined in accordance with Directive 2008/98/EC.

13.1. Waste treatment methods

Do not pour into drains or waterways.

Waste :

Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.

Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

Soiled packaging :

Empty container completely. Keep label(s) on container.

Give to a certified disposal contractor.

SECTION 14 : TRANSPORT INFORMATION

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport (ADR 2021 - IMDG 2020 [40-20] - ICAO/IATA 2022 [63]).

14.1. UN number or ID number

1230

14.2. UN proper shipping name

UN1230=METHANOL

14.3. Transport hazard class(es)

- Classification :



3+6.1

14.4. Packing group

II

14.5. Environmental hazards

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14.6. Special precautions for user

ADR/RID	Class	Code	Pack gr.	Label	Ident.	LQ	Provis.	EQ	Cat.	Tunnel
	3	FT1	II	3+6.1	336	1 L	279	E2	2	D/E
IMDG	Class	2°Label	Pack gr.	LQ	EMS	Provis.	EQ	Stowage Handling	Segregation	
	3	6.1	II	1 L	F-E. S-D	279	E2	Category B SW2	-	
IATA	Class	2°Label	Pack gr.	Passager	Passager	Cargo	Cargo	note	EQ	
	3	6.1	II	352	1 L	364	60 L	A113	E2	
	3	6.1	II	Y341	1 L	-	-	A113	E2	

For limited quantities, see part 2.7 of the OACI/IATA and chapter 3.4 of the ADR and IMDG.

For excepted quantities, see part 2.6 of the OACI/IATA and chapter 3.5 of the ADR and IMDG.

14.7. Maritime transport in bulk according to IMO instruments

No data available.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

- Classification and labelling information included in section 2:

The following regulations have been used:

- Container information:

Substance not restricted under Annex XVII of Regulation (EC) no. 1907/2006 (REACH):

<https://echa.europa.eu/substances-restricted-under-reach>.

N/A

N/A

- Particular provisions :

No data available.

- German regulations concerning the classification of hazards for water (WGK, AwSV Annex I, KBws) :

WGK 2 : Hazardous for water.

15.2. Chemical safety assessment

No data available.

SECTION 16 : OTHER INFORMATION

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information in this safety data sheet must be regarded as a description of the safety requirements relating to the substance and not as a guarantee of the properties thereof.

This sheet complements the technical instructions for use, but does not replace them. The information it contains are based on our knowledge of the product concerned on the date indicated. They are given in good faith. The attention of users is also drawn to the possible risks incurred when a product is utilisé for purposes other than those for which it is designed.

It does in no way the user from knowing and applying all texts governing his activity. It will take under its sole responsibility the precautions related to the use he makes of the product.

The regulatory requirements referred merely to assist the recipient to fulfill its obligations when using the product dangerous. This list should not be considered exhaustive and does not ensure the recipient qu'éventuellement other obligations incumbent on him not because of texts other than those cited for the holding and handling of the product for which it is solely responsible .

Wording of the phrases mentioned in section 3 :

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

Abbreviations :

REACH : Registration, Evaluation, Authorization and Restriction of Chemical Substances.

DNEL : Derived No-Effect Level

PNEC : Predicted No-Effect Concentration

STEL : Short-term exposure limit

TWA : Time Weighted Averages

TMP : French Occupational Illness table

TLV : Threshold Limit Value (exposure)

AEV : Average Exposure Value.

ADR : European agreement concerning the international carriage of dangerous goods by Road.

IMDG : International Maritime Dangerous Goods.

IATA : International Air Transport Association.

ICAO : International Civil Aviation Organisation

RID : Regulations concerning the International carriage of Dangerous goods by rail.

WGK : Wassergefährdungsklasse (Water Hazard Class).

GHS02 : Flame

GHS06 : Skull and crossbones

GHS08 : Health hazard

PBT: Persistent, bioaccumulable and toxic.
vPvB : Very persistent, very bioaccumulable.
SVHC : Substances of very high concern.