

Marline Classic 4 Temps

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 - Product identifier

Trade name/designation Marline Classic 4 Temps

Chemical name

Product-type Mixture

Product code MARL 001.1

UFI: QA00-80AC-000S-TD7C

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

Relevant identified uses

- Fuel and fuel additive
- Professional use

Uses advised against

- No additional information available

1.3 - Details of the supplier of the safety data sheet

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1.4 - Emergency telephone number

SECTION 2: Hazards identification

2.1 - Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]

Flam. Liq. 1	Flammable liquid and vapour. - Category 1
Asp. Tox. 1	Aspiration hazard - Category 1
Skin Irrit. 2	Irritation, Category 2
Eye Irrit. 2	Eye irritation - Category 2
STOT SE 3	STOT-single exposure - Category 3 (H336)
Muta. 1B	Germ cell mutagenicity - Category 1B
Carc. 1B	Carcinogenicity - Category 1B
Repr. 2	Reproductive toxicity - Category 2 (H361fd)
Aquatic Chronic 2	Hazardous to the aquatic environment - Aquatic Chronic 2

2.2 - Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Contains: Essence (n-hexane < 5%) (CAS No.: 86290-81-5)

Signal word : Danger

Hazard pictograms



Hazard statements

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H224	Extremely flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H340	May cause genetic defects.
H350	May cause cancer.
H361fd	Suspected of damaging fertility. Suspected of damaging the unborn child.
H411	Toxic to aquatic life with long lasting effects.

Precautionary statements

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P202	Do not handle until all safety precautions have been read and understood.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P240	Ground and bond container and receiving equipment.
P241	Use explosion-proof lighting/ventilating/electrical equipment.
P242	Use non-sparking tools.
P243	Take action to prevent static discharges.
P261	Avoid breathing vapours.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER/a doctor.
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.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P331	Do NOT induce vomiting.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P403+P235	Store in a well-ventilated place. Keep cool.
P501	Dispose of contents in an approved treatment center in accordance with national regulation.

EUH-phrases : None

2.3 - Other hazards

PBT-substance. - The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

Other hazards which do not result in classification - In use, may form flammable/explosive vapour-air mixture.

SECTION 3: Composition / information on ingredients

3.1 - Substances

Not applicable

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3.2 - Mixtures

Chemical name	No.	%	Class(es)	Specific concentration limit
Essence (n-hexane < 5%)	CAS No. : 86290-81-5 Index No. : 649-378-00-4 EC No. : 289-220-8 REACH No. : 01-2119471335-39-XXXX	70 - < 90	Aquatic Chronic 2 - H411 Asp. Tox. 1 - H304 Carc. 1B - H350 Flam. Liq. 1 - H224 Muta. 1B - H340 Repr. 2 - H361fd Skin Irrit. 2 - H315 STOT SE 3 - H336	Not applicable
2-ethoxy-2-methylpropane	CAS No. : 637-92-3 Index No. : EC No. : 211-309-7 REACH No. : 01-2119452785-29-XXXX	15 - < 22	Flam. Liq. 2 - H225 STOT SE 3 - H336	Not applicable
tert-butyl methyl ether, MTBE, 2-methoxy-2-methylpropane INCI: T-BUTYL METHYL ETHER	CAS No. : 1634-04-4 Index No. : 603-181-00-X EC No. : 216-653-1	15 - <= 22	Flam. Liq. 2 - H225 Skin Irrit. 2 - H315	Not applicable
2-methylpropan-2-ol, tert-butyl alcohol INCI: T-BUTYL ALCOHOL	CAS No. : 75-65-0 Index No. : 603-005-00-1 EC No. : 200-889-7 REACH No. : 01-2119444321-51-XXXX	10 - < 15	Acute Tox. 4 Inhalation - H332 Eye Irrit. 2 - H319 Flam. Liq. 2 - H225 STOT SE 3 - H335	Not applicable
propan-2-ol, isopropyl alcohol, isopropanol	CAS No. : 67-63-0 Index No. : 603-117-00-0 EC No. : 200-661-7 REACH No. : 01-2119457558-25-XXXX	8 - < 12	Eye Irrit. 2 - H319 Flam. Liq. 2 - H225 STOT SE 3 - H336	Not applicable
Ethanol	CAS No. : 64-17-5 Index No. : 603-002-00-5 EC No. : 200-578-6 REACH No. : 01-2119457610-43-XXXX	< 5	Eye Irrit. 2 - H319 Flam. Liq. 2 - H225	Not applicable
2-methylpropan-1-ol, iso-butanol	CAS No. : 78-83-1 Index No. : 603-108-00-1 EC No. : 201-148-0 REACH No. : 01-2119484609-23-xxxx	< 3	Eye Dam. 1 - H318 Flam. Liq. 3 - H226 Skin Irrit. 2 - H315 STOT SE 3 - H335 STOT SE 3 - H336	Not applicable
Hydrocarbons, C13-C16, n-alkanes, isoalkanes, cyclics, < 0.03% aromatics	CAS No. : Index No. : EC No. : 934-954-2	< 3	Asp. Tox. 1 - H304	Not applicable
methanol	CAS No. : 67-56-1 Index No. : 603-001-00-X EC No. : 200-659-6 REACH No. : 01-2119433307-44-xxxx	< 3	Acute Tox. 3 Dermal - H311 Acute Tox. 3 Inhalation - H331 Acute Tox. 3 Oral - H301 Flam. Liq. 2 - H225 STOT SE 1 - H370	STOT SE 1 - H370 : 10<=%<=100 STOT SE 2 - H371 : 3<=%<10

- Substances contenues dans l'Essence UVCB: toluène - 2-méthylbutane - xylène - n-hexane - pentane - 1,2,4-triméthylbenzène - éthylbenzène - benzène <1%

SECTION 4: First aid measures

4.1 - Description of first aid measures

Following inhalation

- Provide fresh air.
- Medical examination necessary even merely on suspicion of intoxication.
- Keep at rest.

Following skin contact

- After contact with skin, wash immediately with plenty of water and soap.
- In case of skin irritation, consult a physician.
- Remove contaminated, saturated clothing immediately.
- Take off contaminated clothing and wash it before reuse.

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After eye contact - Rinse immediately carefully and thoroughly with eye-bath or water.
- In case of eye irritation consult an ophthalmologist.

After ingestion - Do NOT induce vomiting.
- Seek medical advice immediately.
- Rinse mouth thoroughly with water.
- If vomiting occurs spontaneously, keep head lower than hips to prevent aspiration.

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

Symptoms and effects - Following inhalation - Headache. Nausea. Vomiting.
- May cause drowsiness or dizziness.

Symptoms and effects - Following skin contact - Causes skin irritation.

Symptoms and effects - After eye contact - Serious eye damage/eye irritation

Symptoms and effects - After ingestion - May be fatal if swallowed and enters airways.

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

- No information available.

SECTION 5: Firefighting measures

5.1 - Extinguishing media

Suitable extinguishing media - Carbon dioxide (CO₂)
- Foam
- Extinguishing powder
- Sand

Unsuitable extinguishing media - Full water jet
- Full jet (water or foam) can cause tanks to overflow.

5.2 - Special hazards arising from the substance or mixture

Special hazards arising from the substance or mixture - May form flammable vapour-air mixture.

Hazardous decomposition products - Formation of CO and CO₂ in the event of combustion (carbon monoxide - carbon dioxide).
- In case of fire hazardous decomposition products may be formed, such as: Oxides of sulfur.
- Incomplete combustion and thermolysis produce more or less toxic gases such as CO, CO₂, various hydrocarbons, aldehydes and soot.

5.3 - Advice for firefighters

- Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.
- Cool exposed containers with water spray or fog. Use caution when fighting any chemical fire.
- Do not enter fire area without protective equipment, including self-contained breathing apparatus.

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SECTION 6: Accidental release measures

6.1 - Personal precautions, protective equipment and emergency procedures

- For non-emergency personnel
- Remove all sources of ignition.
 - Wear suitable protective clothing and gloves.
 - Keep unnecessary staff away.
 - Do not get in eyes, on skin, or on clothing.
 - Do not breathe gas/fumes/vapour/spray.

- For emergency responders
- Provide adequate ventilation.
 - Provide adequate protection for cleanup crews. See section 8.2.

6.2 - Environmental precautions

- In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.
- Do not allow to enter into surface water or drains.
- Avoid release to the environment.

6.3 - Methods and material for containment and cleaning up

- Methods and material for containment
- Store away from other materials.

- Methods and material for cleaning up
- Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).
 - Clean with detergents. Avoid solvent cleaners.

- Inappropriate techniques
- No information available.

6.4 - Reference to other sections

- Personal protection equipment: see section 8

SECTION 7: Handling and storage

7.1 - Precautions for safe handling

- Recommendation
- Use only in well-ventilated areas.
 - Remove all sources of ignition.
 - Avoid:Skin contact
 - Handle empty containers with care as residual vapors are flammable.
 - Take precautionary measures against electrostatic discharge.
 - Do not breathe vapors, aerosols, mists.

- Advices on general occupational hygiene
- When using do not eat, drink, smoke, sniff.
 - Wash hands before breaks and after work.
 - Work in well-ventilated zones or use proper respiratory protection.
 - Wash contaminated clothing prior to re-use.
 - Thorough skin-cleansing after handling the product.

7.2 - Conditions for safe storage, including any incompatibilities

- All electrical installations, including lighting of premises where this product may be present, must be suitable for the hazard area, in accordance with European ATEX directives.

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- The configuration of storage areas, the design of tanks, equipment and operating procedures must comply with applicable European, national or local legislation.
- Store in a dry, sheltered place to avoid contact with moisture.
- Remove all sources of ignition.
- Keep container tightly closed. Store in a well-ventilated area.
- Avoid storage with oxidizing agents.
- The configuration of storage areas, the design of tanks, equipment and operating procedures must comply with applicable European, national or local legislation.

7.3 - Specific end use(s)

SECTION 8: Exposure controls/personal protection

8.1 - Control parameters

tert-butyl methyl ether, MTBE, 2-methoxy-2-methylpropane (1634-04-4)	
IOELV TWA mg/m ³ (UE)	183,5 mg/m ³
IOELV TWA ppm (UE)	50 ppm
IOELV STEL mg/m ³ (UE)	367 mg/m ³
IOELV STEL ppm (UE)	100 ppm
TWA EH40 ppm (UK)	50 ppm
TWA EH40 mg/m ³ (UK)	183,5 mg/m ³
STEL EH40 ppm (UK)	100 ppm
STEL EH40 mg/m ³ (UK)	367 mg/m ³
2-methylpropan-2-ol, tert-butyl alcohol (75-65-0)	
TWA EH40 ppm (UK)	100 ppm
TWA EH40 mg/m ³ (UK)	308 mg/m ³
STEL EH40 ppm (UK)	150 ppm
STEL EH40 mg/m ³ (UK)	462 mg/m ³
propan-2-ol, isopropyl alcohol, isopropanol (67-63-0)	
IOELV TWA ppm (UE)	200 ppm
IOELV STEL ppm (UE)	400 ppm
TWA EH40 ppm (UK)	400 ppm
TWA EH40 mg/m ³ (UK)	999 mg/m ³
STEL EH40 ppm (UK)	500 ppm
STEL EH40 mg/m ³ (UK)	1250 mg/m ³
2-methylpropan-1-ol, iso-butanol (78-83-1)	
TWA EH40 ppm (UK)	50 ppm
TWA EH40 mg/m ³ (UK)	154 mg/m ³
STEL EH40 ppm (UK)	75 ppm
STEL EH40 mg/m ³ (UK)	231 mg/m ³
Ethanol (64-17-5)	
TWA EH40 ppm (UK)	1000 ppm
TWA EH40 mg/m ³ (UK)	1920 mg/m ³
methanol (67-56-1)	
IOELV TWA mg/m ³ (UE)	260 mg/m ³ Skin
IOELV TWA ppm (UE)	200 ppm Skin
TWA EH40 ppm (UK)	200 ppm
TWA EH40 mg/m ³ (UK)	266 mg/m ³
STEL EH40 ppm (UK)	250 ppm
STEL EH40 mg/m ³ (UK)	333 mg/m ³

DNEL / PNEC

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propan-2-ol, isopropyl alcohol, isopropanol (67-63-0)			
Type	Value	User	Effect
DNEL long-term oral (repeated)	26 mg/kg bw/day	Consumers	Systemic
DNEL long-term inhalative	89 mg/m ³	Consumers	Systemic
DNEL long-term inhalative	500 mg/m ³	Workers	Systemic
DNEL long-term dermal	888 mg/kg bw/day	Workers	Systemic
DNEL long-term dermal	319 mg/kg bw/day	Consumers	Systemic
PNEC aquatic, freshwater	140,9 mg/l		
PNEC aquatic, marine water	140,9 mg/l		
PNEC sediment, freshwater	552 mg/kg		
PNEC sediment, marine water	552 mg/kg		
PNEC soil	28 mg/kg		
PNEC Secondary Poisoning	160 mg/kg		
PNEC sewage treatment plant (STP)	2251 mg/l		

2-ethoxy-2-methylpropane (637-92-3)			
Type	Value	User	Effect
DNEL short-term oral (acute)	12,5 mg/kg	Consumers	Systemic
DNEL acute inhalative	2800 mg/m ³	Workers	Systemic
DNEL acute inhalative	1680 mg/m ³	Consumers	Systemic
DNEL long-term inhalative	352 mg/m ³	Workers	Systemic
DNEL long-term inhalative	105 mg/m ³	Workers	Local
DNEL long-term inhalative	105 mg/m ³	Consumers	Systemic
DNEL long-term inhalative	63 mg/m ³	Consumers	Local
DNEL long-term dermal	6767 mg/kg bw/day	Workers	Systemic
DNEL long-term dermal	4060 mg/kg bw/day	Consumers	Systemic
PNEC aquatic, freshwater	0,51 mg/l		
PNEC aquatic, marine water	0,017 mg/l		
PNEC sediment, freshwater	28,5 mg/kg		
PNEC sediment, marine water	1,45 mg/kg		
PNEC soil	2,41 mg/kg		
PNEC sewage treatment plant (STP)	12,5 mg/l		

8.2 - Exposure controls

Appropriate engineering controls

- Ensure adequate ventilation.

Individual protection measures, such as personal protective equipment

- Respiratory protection necessary at: exceeding exposure limit values

- Suitable respiratory protection apparatus: Self-contained respirator (breathing apparatus)



- Respirator with filter type A.
- Nitrile rubber protective clothing.
- Protective gloves



- Rubber protective gloves. NBR (Nitrile rubber). Nitrile, thickness>0.3mm Penetration time>480min EN374.

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- In case of risk of splashes: Goggles with side-shields.
- Suitable eye protection: Eye glasses with side protection



- In the event of an emergency (accidental exposure) or for exceptional short-term work in atmospheres polluted by the product, it is necessary to wear a respiratory protective device.

Environmental exposure controls

- Further information: see technical data sheet.

SECTION 9: Physical and chemical properties

9.1 - Information on basic physical and chemical properties

<u>Physical state</u>	Liquid	<u>Appearance</u>	Limpide
<u>Colour</u>	light yellow	<u>Odour</u>	caractéristic
Odour threshold		No data available	
pH		No data available	
Melting point		No data available	
Freezing point		No data available	
Boiling point		30 °C	
Flash point		< -40 °C	
Evaporation rate		No data available	
flammability		1,4 % < V < 8,7 % Gases (except aerosol dispensers and lighters)	
Lower explosion limit		1,4 %	
Upper explosion limit		8,7 %	
Vapour pressure		< 100 kPa 35°C	
Vapour density		No data available	
Relative density		No data available	
Density		720 kg/m ³ < V < 775 kg/m ³	
Solubility (Water)		0,025 g/l Insoluble	
Solubility (Ethanol)		No data available	
Solubility (Acetone)		No data available	
Solubility (Organic solvents)		No data available	
Log KOC		No data available	
Auto-ignition temperature		<= 300 °C	
Decomposition temperature		No data available	
Kinematic viscosity		< 0,5 mm ² /s	
Dynamic viscosity		No data available	

Particle characteristics

Particle size	No data available
Dustiness	No data available
Specific surface area	No data available

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Shape	No data available
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9.2 - Other information

VOC content	> 95 %
Minimum ignition energy	No data available
Conductivity	No data available
Refractive index	No data available
Solids content	No data available
Surface tension	No data available
Saturation concentration	No data available

SECTION 10: Stability and reactivity

10.1 - Reactivity

- The product is stable under storage at normal ambient temperatures.

10.2 - Chemical stability

- The mixture is chemically stable under recommended conditions of storage, use and temperature.

10.3 - Possibility of hazardous reactions

- Take measures against electrostatic charges.
- Flammable liquid and vapour.

10.4 - Conditions to avoid

- Heat

10.5 - Incompatible materials

- Strong acid
- Strong alkali
- Powder of metal (aluminum, zinc, magnesium)

10.6 - Hazardous decomposition products

- Does not decompose when used for intended uses.

SECTION 11: Toxicological information

11.1 - Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity - Not classified

Toxicity : Mixture

LD50 oral (rat)	No data available
LD50 dermal (rat)	No data available
LD50 dermal (rabbit)	No data available
LC50 inhalation (rat)	No data available
LC50 inhalation dusts and mists (rat)	No data available
LC50 inhalation vapours (rat)	No data available

Toxicity : Substances

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2-methylpropan-2-ol, tert-butyl alcohol (75-65-0)	
LD50 oral (rat)	> 2000 mg/kg
LD50 dermal (rabbit)	12870 mg/kg
LC50 inhalation vapours (rat)	73 mg/l 4H
propan-2-ol, isopropyl alcohol, isopropanol (67-63-0)	
LD50 oral (rat)	5840 mg/kg OCDE 403
LD50 dermal (rabbit)	13900 mg/kg OCDE 402
LC50 inhalation (rat)	4H
LC50 inhalation vapours (rat)	30 mg/l 4H
2-ethoxy-2-methylpropane (637-92-3)	
LD50 oral (rat)	> 2000 mg/kg
2-methylpropan-1-ol, iso-butanol (78-83-1)	
LD50 oral (rat)	2000 mg/kg < V <= 2733 mg/kg
LD50 dermal (rabbit)	> 2000 mg/kg
LC50 inhalation (rat)	4H
Hydrocarbons, C13-C16, n-alkanes, isoalkanes, cyclics, < 0.03% aromatics ()	
LD50 oral (rat)	> 5000 mg/kg
LD50 dermal (rabbit)	> 3160 mg/kg
LC50 inhalation dusts and mists (rat)	> 5266 mg/l RAT

<u>Skin corrosion/irritation</u>	- Irritation, Category 2 - Causes skin irritation. - Irritating to skin.
<u>Serious eye damage/eye irritation</u>	- Eye irritation - Category 2 - Causes serious eye irritation. - Irritating to eyes.
<u>Respiratory or skin sensitisation</u>	- Not classified
<u>Germ cell mutagenicity</u>	- Germ cell mutagenicity - Category 1B - May cause genetic defects. - Suspected of causing genetic defects.
<u>Carcinogenicity</u>	- Carcinogenicity - Category 1B - May cause cancer. - Suspected of causing cancer.
<u>Reproductive toxicity</u>	- Reproductive toxicity - Category 2 (H361fd) - Suspected of damaging fertility. Suspected of damaging the unborn child. - May damage fertility or the unborn child.
<u>STOT-single exposure</u>	- STOT-single exposure - Category 3 (H336) - May cause drowsiness or dizziness. - Blood. Reproductive system. Gastrointestinal tract. Central nervous system. Eyes. Respiratory system. Liver. Skin.

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STOT-repeated exposure - Not classified
- The only observed effect was moderate to severe skin irritation. Repeated exposure by inhalation causes 'mild hydrocarbon nephropathy'.

Aspiration hazard - Aspiration hazard - Category 1 - May be fatal if swallowed and enters airways.
- May be fatal if aspirated.
- Chemical pneumonia by aspiration.

11.2 - Information on other hazards

SECTION 12: Ecological information

12.1 - Toxicity

Toxicity : Mixture

EC50 48 hr crustacea	No data available
LC50 96 hr fish	No data available
ErC50 algae	No data available
ErC50 other aquatic plants	No data available
NOEC chronic fish	No data available
NOEC chronic crustacea	No data available
NOEC chronic algae	No data available
NOEC chronic other aquatic plants	No data available

- Toxic to aquatic life with long lasting effects.

Toxicity : Substances

Essence (n-hexane < 5%) (86290-81-5)	
EC50 48 hr crustacea	> 4,5 mg/l
LC50 96 hr fish	> 8,2 mg/l
2-methylpropan-2-ol, tert-butyl alcohol (75-65-0)	
EC50 48 hr crustacea	933 mg/l
LC50 96 hr fish	6130 mg/l < V < 6700 mg/l
propan-2-ol, isopropyl alcohol, isopropanol (67-63-0)	
EC50 48 hr crustacea	9714 mg/l
LC50 96 hr fish	9640 mg/l
ErC50 other aquatic plants	> 1000 mg/l 72 h
2-methylpropan-1-ol, iso-butanol (78-83-1)	
EC50 48 hr crustacea	> 1300 mg/l
LC50 96 hr fish	> 1670 mg/l
Hydrocarbons, C13-C16, n-alkanes, isoalkanes, cyclics, < 0.03% aromatics ()	
LC50 96 hr fish	> 1028 mg/l
ErC50 algae	> 10000 mg/l 72 h

12.2 - Persistence and degradability

Biochemical oxygen demand (BOD)	No data available
Chemical oxygen demand (COD)	No data available

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% of biodegradation in 28 days	No data available
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- No information available.

12.3 - Bioaccumulative potential

Bioconcentration factor (BCF)	No data available
Log KOC	No data available

- No indication of bioaccumulation potential.

12.4 - Mobility in soil

- No information available.

12.5 - Results of PBT and vPvB assessment

- The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6 - Endocrine disrupting properties

12.7 - Other adverse effects

- No information available.

SECTION 13: Disposal considerations

13.1 - Waste treatment methods

Waste treatment methods

- Dispose of waste according to applicable legislation.
- Empty containers may contain flammable or explosive vapors.
- Do not cut, weld, puncture, burn or incinerate materials empty containers, unless they have been properly cleaned and declared safe.

Sewage disposal

- Do not allow to enter into surface water or drains.

Special precautions for waste treatment

- Send to a hazardous waste incinerator facility under observation of official regulations.
- Waste requires monitoring.

Community or national or regional provisions

- No information available.

Waste codes / waste designations according to Regulation 2014/955/UE

13 07 02* - Petrol

SECTION 14: Transport information

14.1 - UN number or ID number

UN number (ADR) : UN1203
UN number (IMDG) : UN1203
UN number (IATA) : UN1203

14.2 - UN proper shipping name

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UN proper shipping name (ADR) : MOTOR SPIRIT or GASOLINE or PETROL
UN proper shipping name (IMDG) : MOTOR SPIRIT or GASOLINE or PETROL
UN proper shipping name (IATA) : GASOLINE

14.3 - Transport hazard class(es)

ADR Transport hazard class(es) : 3
ADR Classification code: : F1
Pictograms



Transport hazard class(es) (IMDG) : 3
Pictograms



Transport hazard class(es) (IATA) : 3
Pictograms



14.4 - Packing group

Packing group : II
Packing group (IMDG) : II
Packing group (IATA) : II

14.5 - Environmental hazards

Environmental hazards : Yes.
Marine pollutant : Hazardous to the aquatic environment - Aquatic Chronic 2

14.6 - Special precautions for user

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ADR

<u>ADR Classification code:</u>	:	F1
<u>ADR Special provisions</u>	:	243+534+664
<u>ADR Limited quantity (LQ)</u>	:	1L
<u>ADR Excepted quantities</u>	:	E2
<u>ADR Packing instructions</u>	:	P001 IBC02 R001
<u>ADR Special packing provisions</u>	:	BB2
<u>ADR Mixed packing provisions</u>	:	MP19
<u>Instructions for portable tanks and bulk containers</u>	:	T4
<u>Special provisions for portable tanks and bulk containers</u>	:	TP1
<u>ADR tank code</u>	:	LGBF
<u>ADR tanks special provisions</u>	:	TU9
<u>Vehicle for tank carriage</u>	:	FL
<u>ADR Transport category</u>	:	2
<u>ADR Tunnel restriction code</u>	:	D/E
<u>ADR Special provisions loading, unloading and handling</u>	:	
<u>Special provisions - Packages</u>	:	
<u>Special provisions - Bulk</u>	:	
<u>Special provisions - Operation</u>	:	S2 S20
<u>ADR Hazard identification number (Kemler No.)</u>	:	33

IMDG

<u>Special provisions</u>	:	243
<u>Limited quantity (LQ)</u>	:	1 L
<u>Excepted quantities</u>	:	E2
<u>Packing instructions</u>	:	P001
<u>Special packing provisions</u>	:	
<u>IBC instruction(s)</u>	:	IBC02
<u>IBC provisions</u>	:	
<u>Instructions for portable tanks and bulk containers</u>	:	T4
<u>Special provisions for portable tanks and bulk containers</u>	:	TP1
<u>EmS codes</u>	:	F-E, S-E
<u>Stowage and handling</u>	:	Category E
<u>Segregation</u>	:	
<u>Properties and observations</u>	:	Immiscible with water.

IATA

<u>PCA - Excepted quantities</u>	:	E2
<u>PCA - Limited Quantity - Packing Instructions</u>	:	Y341
<u>PCA - Limited Quantity - Maximum Net Quantity per Package</u>	:	1L
<u>PCA - Packing Instructions</u>	:	353
<u>PCA - Maximum Net Quantity per Package</u>	:	5L
<u>CAO - Packing Instructions</u>	:	364
<u>CAO - Maximum Net Quantity per Package</u>	:	60L
<u>Special Provisions</u>	:	A100
<u>ERG Code</u>	:	3H

14.7 - Maritime transport in bulk according to IMO instruments

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SECTION 15: Regulatory information

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

Substances REACH candidates None

Substances Annex XIV None

Substances Annex XVII methanol (Index No.: 603-001-00-X - EC No.: 200-659-6 - CAS No.: 67-56-1)

VOC content > 95 %

- Product prohibited for sale to the general public (Regulation (EC) No. 1907/2006) - Reserved for professional users.

15.2 - Chemical Safety Assessment

Chemical safety assessment carried out for the product - No information available.

SECTION 16: Other information

SDS versions

Version	Issue date	Author	Description of the amendments
10	30/09/2024		Section 2: Classification and labelling update. Section 3.2: Components information
9,1	03/06/2022		

Texts of the regulatory sentences

Acute Tox. 3 Dermal	Acute toxicity (dermal) - Category 3
Acute Tox. 3 Inhalation	Acute toxicity (inhalative) - Category 3
Acute Tox. 3 Oral	Acute toxicity (oral) - Category 3
Acute Tox. 4 Inhalation	Acute toxicity (inhalative) - Category 4
Aquatic Chronic 2	Hazardous to the aquatic environment - Aquatic Chronic 2
Asp. Tox. 1	Aspiration hazard - Category 1
Carc. 1B	Carcinogenicity - Category 1B
Eye Dam. 1	Serious eye damage, Category 1
Eye Irrit. 2	Eye irritation - Category 2
Flam. Liq. 1	Flammable liquid and vapour. - Category 1
Flam. Liq. 2	Flammable liquid and vapour. - Category 2
Flam. Liq. 3	Flammable liquid and vapour. - Category 3
H224	Extremely flammable liquid and vapour.
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H301	Toxic if swallowed.
H304	May be fatal if swallowed and enters airways.
H311	Toxic in contact with skin.
H315	Causes skin irritation.
H318	Causes serious eye damage.

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H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H340	May cause genetic defects.
H350	May cause cancer.
H361fd	Suspected of damaging fertility. Suspected of damaging the unborn child.
H370	Causes damage to organs .
H411	Toxic to aquatic life with long lasting effects.
Muta. 1B	Germ cell mutagenicity - Category 1B
Repr. 2	Reproductive toxicity - Category 2 (H361fd)
Skin Irrit. 2	Irritation, Category 2
STOT SE 1	STOT-single exposure - Category 1
STOT SE 3	STOT-single exposure - Category 3 (H336)

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