



SAFETY DATA SHEET

Teboil BE95E10, BE98E5, BE99E5

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

1.1. Product identifier

Product name Teboil BE95E10, BE98E5, BE99E5

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

Identified uses Use as a fuel,

1.3. Details of the supplier of the safety data sheet

Supplier

Oy Teboil Ab
 Äyritie 20, 01510 VANTAA
 0204 7001
 fuels-msds@teboil.fi

1.4. Emergency telephone number

National emergency telephone number +358-9-471 977, +358-9-4711, Poison Information Centre number

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards Flam. Liq. 1 - H224

Health hazards Skin Irrit. 2 - H315 Muta. 1B - H340 Carc. 1B - H350 Repr. 2 - H361 STOT SE 3 - H336 Asp. Tox. 1 - H304

Environmental hazards Aquatic Chronic 2 - H411

2.2. Label elements

Pictogram



Signal word

Danger

Hazard statements

H224 Extremely flammable liquid and vapour.
 H304 May be fatal if swallowed and enters airways.
 H315 Causes skin irritation.
 H336 May cause drowsiness or dizziness.
 H340 May cause genetic defects.
 H350 May cause cancer.
 H361 Suspected of damaging fertility or the unborn child.
 H411 Toxic to aquatic life with long lasting effects.

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Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P273 Avoid release to the environment.

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.

P331 Do NOT induce vomiting.

P403+P233 Store in a well-ventilated place. Keep container tightly closed.

P261 Avoid breathing vapours.

Contains Gasoline

2.3. Other hazards

Other hazards Volatile., Vapours may form explosive mixtures with air., Risk of soil and ground water contamination.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Gasoline	≥ 78 %
CAS number: 86290-81-5	EC number: 289-220-8
	REACH registration number: 01-2119471335-39-0021
Classification	
Flam. Liq. 1 - H224	
Skin Irrit. 2 - H315	
Muta. 1B - H340	
Carc. 1B - H350	
Repr. 2 - H361	
STOT SE 3 - H336	
Asp. Tox. 1 - H304	
Aquatic Chronic 2 - H411	
Methyl tert-butyl ether (MTBE)	≤ 22 %
CAS number: 1634-04-4	EC number: 216-653-1
	REACH registration number: 01-2119452786-27-0003
Classification	
Flam. Liq. 2 - H225	
Skin Irrit. 2 - H315	
2-methoxy-2-methylbutane (TAME)	≤ 22 %
CAS number: 994-05-8	EC number: 213-611-4
	REACH registration number: 01-2119453236-41-0000
Classification	
Flam. Liq. 2 - H225	
Acute Tox. 4 - H302	
STOT SE 3 - H336	

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Ethyl tert-butyl ether (ETBE) ≤ 22 %		
CAS number: 637-92-3	EC number: 211-309-7	REACH registration number: 01-2119452785-29-0004
Classification Flam. Liq. 2 - H225 STOT SE 3 - H336		
2-ethoxy-2-methylbutane (TAE) < 10 %		
CAS number: 919-94-8	EC number: 618-804-0	REACH registration number: 01-2119489926-16-0000
Classification Flam. Liq. 2 - H225 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 STOT SE 3 - H336		
Ethanol ≤ 10 %		
CAS number: 64-17-5	EC number: 200-578-6	REACH registration number: 01-2119457610-43-0063
Classification Flam. Liq. 2 - H225		
methanol < 3 %		
CAS number: 67-56-1	EC number: 200-659-6	REACH registration number: 01-2119433307-44-0044
Classification Flam. Liq. 2 - H225 Acute Tox. 3 - H301 Acute Tox. 3 - H311 Acute Tox. 3 - H331 STOT SE 1 - H370		

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

Other information Mixture of a petroleum product, oxygenates and additives., Total aromatics at maximum: 35 %, The gasoline component (86290-81-5) of the product contains: Benzene (CAS 71-43-2) ≤ 1 %, toluene (CAS 108-88-3) ~ 5 - 15 %, n-hexane (CAS 110-54-3) < 5 %., In the 95 E10 grade total ethers max. 22 vol-%., The 98 E5 grade contains max. 5 vol-% ethanol. In the 98 E5 grade MTBE, ETBE and TAME max. 15 vol-%. Total ethers max. 15 vol-%.

SECTION 4: First aid measures**4.1. Description of first aid measures**

Inhalation Remove person to fresh air and keep comfortable for breathing. Get medical attention if symptoms are severe or persist.

Ingestion Do not induce vomiting. Get medical attention immediately.

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Skin contact Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if irritation persists after washing.

Eye contact Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation persists after washing.

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

General information Irritating to skin. May irritate eyes. Vapours in high concentrations are narcotic. May cause nausea, headache, dizziness and intoxication. Entry into the lungs following ingestion or vomiting may cause chemical pneumonitis.

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

Notes for the doctor Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Water spray, foam, dry powder or carbon dioxide.

Unsuitable extinguishing media Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards Extremely flammable liquid and vapour. Risk of explosion. Vapours may accumulate on the floor and in low-lying areas. Containers can burst violently or explode when heated, due to excessive pressure build-up.

Hazardous combustion products Carbon dioxide (CO₂). Carbon monoxide (CO).

5.3. Advice for firefighters

Protective actions during firefighting Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Prevent fire extinguishing water from contaminating surface water or the ground water system.

Special protective equipment for firefighters Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Avoid inhalation of vapours and contact with skin and eyes. Wear adequate protective equipment at all operations.

For non-emergency personnel Keep upwind to avoid inhalation of gases, vapours, fumes and smoke.

For emergency responders Prevent unauthorized access. Vapours are heavier than air and may spread near ground and travel a considerable distance to a source of ignition and flash back. Use only in well-ventilated areas. Eliminate all ignition sources if safe to do so. Take precautionary measures against static discharge.

6.2. Environmental precautions

Environmental precautions Avoid release to the environment. Stop leak if safe to do so. Avoid the spillage or runoff entering drains, sewers or watercourses. Contain spillage with sand, earth or other suitable non-combustible material. Inform the relevant authorities if environmental pollution occurs (sewers, waterways, soil or air). Risk of soil and ground water contamination.

6.3. Methods and material for containment and cleaning up

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Methods for cleaning up Immediately start clean-up of the liquid and contaminated soil. Small Spillages: Absorb spillage with sand or other inert absorbent. Pay attention to the fire and health hazards caused by the product.

6.4. Reference to other sections

Reference to other sections For personal protection, see Section 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions The product contains volatile substances which may spread in the atmosphere. Vapours may accumulate on the floor and in low-lying areas. Avoid heat, flames and other sources of ignition. Take precautionary measures against static discharges. Use explosion-proof electrical equipment. All handling should only take place in well-ventilated areas. Try to avoid product volatilization during handling and transferring. Avoid inhalation of vapours and contact with skin and eyes. Use personal protective equipment and/or local ventilation when needed. Do not eat, drink or smoke when using this product. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site. During tank operations follow special instructions (risk of oxygen displacement and hydrocarbons).

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Flammable liquid storage. Store in accordance with local regulations. Protect from sunlight. Store in a demarcated bunded area to prevent release to drains and/or watercourses. Take precautions against leakage by constructing collecting pools and sewerage systems as well as by surfacing the loading and unloading stations. Only store in correctly labelled containers. Use containers made of the following materials: Stainless steel.

7.3. Specific end use(s)

Specific end use(s) Not known.

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

Methyl tert-butyl ether (MTBE)

MTBE: 50 ppm (8h), 180 mg/m³ (8h), 100 ppm (15 min), 360 mg/m³ (15min), HTP 2016/FIN, EU OELV (EC/2009/161).

2-methoxy-2-methylbutane (TAME)

TAME: 20 ppm (8h), 84 mg/m³ (8h), HTP 2016/FIN.

Ethyl tert-butyl ether (ETBE)

ETBE: 5 ppm (8h), 25 mg/m³ (8 h), HTP 2014/FIN.

Ethanol

Ethanol: 1000 ppm (8h), 1900 mg/m³ (8h), 1300 ppm (15 min), 2500 mg/m³ (15 min), HTP 2016/FIN.

methanol

Methanol: 200 ppm (8h), 270 mg/m³ (8h), 250 ppm (15 min), 330 mg/m³ (15 min), HTP 2016/FIN.

May be absorbed through the skin.

Benzene

Benzene: 1 ppm (8h), 3,25 mg/m³, VNa 716/2000/FIN (binding limit value).

May be absorbed through the skin.

toluene

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Toluene: 25 ppm (8h), 81 mg/m³ (8h), 100ppm (15min), 380 mg/m³ (15min), HTP 2016/FIN.
 Toluene: 50 ppm (8h), 192 mg/m³ (8h), 100ppm (15min), 384 mg/m³ (15min), EU OELV (EC/2006/15)
 May be absorbed through the skin.

n-hexane

n-Hexane: 20 ppm (8h), 72 mg/m³ (8h), HTP 2016/FIN, EU OELV (EC/2006/15).
 May be absorbed through the skin.

Ingredient comments	Gasoline 300 ppm (TWA 8 h), 500 ppm (Short STEL)/NIOSH2008/USA. Solvent naphtha, group 3: 100mg/m ³ (8h), HTP 2016/FIN. The individual limit values can be applied for the hydrocarbons.
Biological limit values	Toluene in blood 500 nmol/l, BIOL 2011/FIN.
PNEC	Not available.

Gasoline (CAS: 86290-81-5)

DNEL	Workers - Inhalation; Short term systemic effects: 1300 mg/m ³ Workers - Inhalation; Short term local effects: 1100 mg/m ³ Workers - Inhalation; Long term local effects: 840 mg/m ³ Consumer - Inhalation; Short term systemic effects: 1200 mg/m ³ Consumer - Inhalation; Short term local effects: 640 mg/m ³ Consumer - Inhalation; Long term local effects: 180 mg/m ³
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2-methoxy-2-methylbutane (TAME) (CAS: 994-05-8)

DNEL	Workers - Inhalation; Short term systemic effects: 353,3 mg/m ³ Workers - Inhalation; Long term systemic effects: 88,8 mg/m ³ Workers - Dermal; Long term systemic effects: 1601 mg/kg/day Consumer - Inhalation; Short term systemic effects: 212 mg/m ³ Consumer - Inhalation; Long term systemic effects: 26,5 mg/m ³ Consumer - Dermal; Long term systemic effects: 961 mg/kg/day Consumer - Dermal; Long term systemic effects: 1 mg/kg/day
PNEC	- Fresh water; 0,51 mg/l - Marine water; 0,0339 mg/l - Sediment (Freshwater); 2,99 mg/kg, dw - Sediment (Marinewater); 0,199 mg/kg, dw - Soil; 0,265 mg/kg, ww

Ethyl tert-butyl ether (ETBE) (CAS: 637-92-3)

DNEL	Workers - Inhalation; Short term systemic effects: 2800 mg/m ³ Workers - Inhalation; Long term local effects: 105 mg/m ³ Workers - Inhalation; Long term systemic effects: 352 mg/m ³ Workers - Dermal; Long term systemic effects: 6767 mg/kg/day Consumer - Inhalation; Short term systemic effects: 1680 mg/m ³ Consumer - Inhalation; Long term local effects: 63 mg/m ³ Consumer - Inhalation; Long term systemic effects: 105 mg/m ³ Consumer - Dermal; Long term systemic effects: 4060 mg/kg/day Consumer - Oral; Long term systemic effects: 12,5 mg/kg/day
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- PNEC**
- Fresh water; 0,51 mg/l
 - Marine water; 0,017 mg/l
 - Sediment (Freshwater); 28,5 mg/kg, dw
 - Sediment (Marinewater); 1,45 mg/kg, dw
 - Soil; 2,41 mg/kg, dw
 - Effluent; 12,5 mg/l

Methyl tert-butyl ether (MTBE) (CAS: 1634-04-4)

- DNEL**
- Workers - Dermal; Long term systemic effects: 5100 mg/kg/day
 - Workers - Inhalation; Short term local effects: 357 mg/m³
 - Workers - Inhalation; Long term systemic effects: 178,5 mg/m³
 - Consumer - Dermal; Long term systemic effects: 3570 mg/kg/day
 - Consumer - Inhalation; Short term local effects: 214 mg/m³
 - Consumer - Inhalation; Long term systemic effects: 53,6 mg/m³
 - Consumer - Oral; Long term systemic effects: 7,1 mg/kg/day

- PNEC**
- Fresh water; 5,1 mg/l
 - Marine water; 0,26 mg/l
 - Sediment (Freshwater); 23 mg/kg, dw
 - Sediment (Marinewater); 1,17 mg/kg, dw
 - Soil; 1,43 mg/kg, ww
 - STP; 71 mg/l

Ethanol (CAS: 64-17-5)

- DNEL**
- Workers - Inhalation; Long term systemic effects: 950 mg/m³
 - Workers - Dermal; Long term systemic effects: 343 mg/kg/day
 - Consumer - Inhalation; Long term systemic effects: 114 mg/m³
 - Consumer - Dermal; Long term systemic effects: 206 mg/kg/day
 - Consumer - Oral; Long term systemic effects: 87 mg/kg/day

- PNEC**
- Fresh water; 0,96 mg/l
 - Marine water; 0,79 mg/l
 - Intermittent release; 2,75 mg/l
 - Sediment (Freshwater); 3,6 dw, mg/kg
 - Sediment (Marinewater); 2,9
 - STP; 580 mg/l
 - Soil; 0,63 dw, mg/kg
 - Secondary poisoning; 0,38 g/kg food

methanol (CAS: 67-56-1)

- DNEL**
- Workers - Dermal; Short term systemic effects: 40 mg/kg/day
 - Workers - Inhalation; Short term systemic effects: 260 mg/m³
 - Consumer - Dermal; Short term systemic effects: 8 mg/kg/day
 - Consumer - Inhalation; Short term systemic effects: 50 mg/m³
 - Consumer - Oral; Short term systemic effects: 8 mg/kg/day

- PNEC**
- Fresh water; 154 mg/l
 - Marine water; 15,4 mg/l
 - Sediment; 570,4 mg/kg, dw
 - Soil; 23,5 mg/kg, ww
 - STP; 100 mg/l

8.2. Exposure controls

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Appropriate engineering controls	All handling should only take place in well-ventilated areas. Use personal protective equipment and/or local ventilation when needed. Handle in accordance with good industrial hygiene and safety practice. During tank operations follow special instructions (risk of oxygen displacement and hydrocarbons).
Eye/face protection	Tight-fitting safety glasses. Face shield when needed.
Hand protection	Wear protective gloves. It is recommended that gloves are made of the following material: Nitrile rubber. Polyvinyl alcohol (PVA). The selected gloves should have a breakthrough time of at least 8 hours. Protection class 6. Protective gloves according to standards EN 420 and EN 374. Change protective gloves regularly.
Other skin and body protection	Protective clothing when needed. Wear anti-static protective clothing if there is a risk of ignition from static electricity.
Respiratory protection	Filter device/full mask Gas filter, type AX. Filter device could be used maximum 2 hours at a time. Filter devices must not be used in conditions where the oxygen level is low (< 19 vol.-%). At high concentrations a breathing apparatus must be used (self-contained or fresh air hose breathing apparatus). Filter must be changed often enough. Respirators according standards EN 136 and EN 141.
Environmental exposure controls	Take precautions against leakage by constructing collecting pools and sewerage systems as well as by surfacing the loading and unloading stations.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance	Mobile liquid.
Colour	Clear.
Odour	Hydrocarbons. Ethers.
Odour threshold	-
pH	-
Melting point	< -20°C
Initial boiling point and range	20...210°C
Flash point	< 0°C
Upper/lower flammability or explosive limits	Lower flammable/explosive limit: 1,4 % Upper flammable/explosive limit: 8,1 % (calculated)
Vapour pressure	45...90 kPa @ 38°C
Vapour density	> 3 (Air = 1.0)
Relative density	0,72...0,77 @ 15/4°C
Solubility(ies)	Slightly soluble in water. The product contains substances which are water-soluble and may spread in water systems. MTBE: 41.9 g/l, ETBE: 16.4 g/l, TAME: 10.4 g/l, TAEE: 3.9 g/l. Ethanol. Completely soluble in water. Methanol. Completely soluble in water.
Partition coefficient	Hydrocarbons: log Kow: > 3 MTBE log Kow: 1.06, ETBE log Kow: 1.48, TAME log Kow: 1.55, TAEE log Kow: 2.95-3.35. ethanol log Kow: 0.35. methanol log Kow: -0.77.
Auto-ignition temperature	> 280°C Estimated value.
Decomposition Temperature	-
Viscosity	Kinematic viscosity < 1 mm ² /s @ 38°C

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Explosive properties	Not considered to be explosive.
Oxidising properties	Does not meet the criteria for classification as oxidising.

9.2. Other information

Other information	Not known.
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SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	There are no known reactivity hazards associated with this product.
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10.2. Chemical stability

Stability	Stable at normal ambient temperatures and when used as recommended.
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10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	No potentially hazardous reactions known.
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10.4. Conditions to avoid

Conditions to avoid	Keep away from heat, sparks and open flame.
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10.5. Incompatible materials

Materials to avoid	Oxidising agents.
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10.6. Hazardous decomposition products

Hazardous decomposition products	Does not decompose when used and stored as recommended.
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects	Based on available data the classification criteria are not met.
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Acute toxicity - oral

ATE oral (mg/kg)	3,335.0
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Acute toxicity - dermal

ATE dermal (mg/kg)	10,344.83
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Acute toxicity - inhalation

ATE inhalation (gases ppm)	24,137.93
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ATE inhalation (vapours mg/l)	103.45
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ATE inhalation (dusts/mists mg/l)	17.24
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Skin corrosion/irritation

Skin corrosion/irritation	Irritating to skin., The product irritates mucous membranes and may cause abdominal discomfort if swallowed., May cause respiratory irritation.
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Serious eye damage/irritation

Serious eye damage/irritation	Based on available data the classification criteria are not met.
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Skin sensitisation

Skin sensitisation	Based on available data the classification criteria are not met. (OECD 406, 429, EU B.6, B.43, EPA OTS 798.4100)
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Teboil BE95E10, BE98E5, BE99E5**Germ cell mutagenicity****Genotoxicity - in vitro** Gasoline (CAS 86290-81-5): May cause genetic defects. (OECD 471, 476)**Genotoxicity - in vivo** (OECD 475, EPA OPPTS 870.5395)**Carcinogenicity****Carcinogenicity** Gasoline (CAS 86290-81-5): May cause cancer. (OECD 451)**Reproductive toxicity****Reproductive toxicity - fertility** Gasoline (CAS 86290-81-5): Suspected of damaging fertility. (OECD 416, 421)**Reproductive toxicity - development** Gasoline (CAS 86290-81-5): Suspected of damaging the unborn child. (OECD 414)**Specific target organ toxicity - single exposure****STOT - single exposure** May cause nausea, headache, dizziness and intoxication. Anaesthetic in high concentrations.**Specific target organ toxicity - repeated exposure****STOT - repeated exposure** Based on available data the classification criteria are not met. (OECD 407, 408, 410, 412, 422, 453, EPA OTS 798.2450, EPA OPPTS 870.3465)**Aspiration hazard****Aspiration hazard** May be fatal if swallowed and enters airways. Entry into the lungs following ingestion or vomiting may cause chemical pneumonitis.**Gasoline****Acute toxicity - oral****Notes (oral LD₅₀)** LD₅₀ > 5000 mg/kg, Oral, Rat (OECD 401)**Acute toxicity - dermal****Notes (dermal LD₅₀)** LD₅₀ > 2000 mg/kg, Dermal, Rabbit (OECD 402)**Acute toxicity - inhalation****Notes (inhalation LC₅₀)** LC₅₀ > 5610 mg/m³, Inhalation, Rat (OECD 403)**2-methoxy-2-methylbutane (TAME)****Acute toxicity - oral****Notes (oral LD₅₀)** LD₅₀ 1602 - 2417 mg/kg, Oral, Rat (OECD 401)**ATE oral (mg/kg)** 500.0**Acute toxicity - dermal****Notes (dermal LD₅₀)** LD₅₀ > 2000 mg/kg, Dermal, Rabbit (OECD 402)**Acute toxicity - inhalation****Notes (inhalation LC₅₀)** LC₅₀ > 5400 mg/m³, Inhalation, Rat (4h) (OECD 403)**methanol****Acute toxicity - oral****Notes (oral LD₅₀)** LD₅₀ 1187 - 2769 mg/kg, Oral, Rat**ATE oral (mg/kg)** 100.0**Acute toxicity - dermal****Notes (dermal LD₅₀)** LD₅₀ ~ 17100 mg/kg, Dermal, Rabbit

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ATE dermal (mg/kg)	300.0
Acute toxicity - inhalation	
Notes (inhalation LC₅₀)	LC ₅₀ 128 000 mg/m ³ , (4h), Inhalation, Rat

SECTION 12: Ecological Information**12.1. Toxicity**

Toxicity Toxic to aquatic life with long lasting effects.

Gasoline

Acute toxicity - fish	LL ₅₀ , 96 hours: 8,2 mg/l, (EPA 66013-75-009, OECD 203)
Acute toxicity - aquatic invertebrates	EL50, 48 hours: 4,5 mg/l, NOELR, 48 hours: 0,5 mg/l, (OECD 202)
Acute toxicity - aquatic plants	EL50, 96 hours: 3,7 mg/l, Fish NOELR, 72 hours: 0,5 mg/l, Fish (OECD 201)
Chronic toxicity - aquatic invertebrates	EL50, 21 days: 10 mg/l, NOELR, 21 days: 2,6 mg/l, (OECD 211)

12.2. Persistence and degradability

Phototransformation The product contains volatile substances which may spread in the atmosphere.
Can be photodegraded in the atmosphere.

Stability (hydrolysis) No significant reaction in water.

Biodegradation Gasoline (CAS 86290-81-5):
Inherently biodegradable.
MTBE, ETBE, TAME, TAEE:
Non-rapidly degradable
(OECD 301D).
Ethanol.
Rapidly degradable
(OECD 301F).
Methanol.
Rapidly degradable

Gasoline

Biodegradation Inherently biodegradable.
(OECD 301F, ISO/DIS 14593)

12.3. Bioaccumulative potential

Bioaccumulative potential Possibly bioaccumulative.

Partition coefficient Hydrocarbons: log Kow: > 3 MTBE log Kow: 1.06, ETBE log Kow: 1.48, TAME log Kow: 1.55,
TAEE log Kow: 2.95-3.35. ethanol log Kow: 0.35. methanol log Kow: -0.77.

12.4. Mobility in soil

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Mobility

Volatile. Volatilization is the fastest and most dominant elimination process in surface water and soil. Product can penetrate soil until reaching ground water, where the most soluble components will spread. The product contains substances which are bound to particulate matter and are retained in soil.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

Other adverse effects None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. When handling waste, the safety precautions applying to handling of the product should be considered. Care should be taken when handling emptied containers that have not been thoroughly cleaned or rinsed out. Product residues retained in emptied containers can be hazardous. Waste packaging should be collected for reuse or recycling.

SECTION 14: Transport information

14.1. UN number

UN No. (ADR/RID) 1203

14.2. UN proper shipping name

Proper shipping name (ADR/RID) UN 1203, GASOLINE

14.3. Transport hazard class(es)

ADR/RID class 3

14.4. Packing group

ADR/RID packing group II

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant
MARINE POLLUTANT

14.6. Special precautions for user

Tunnel restriction code (D/E)

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code No

SECTION 15: Regulatory information

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

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EU legislation Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).
Commission Regulation (EU) No 2015/830 of 28 May 2015.
Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

15.2. Chemical safety assessment

A chemical safety assessment has been carried out.

SECTION 16: Other information

Abbreviations and acronyms used in the safety data sheet	DNEL = Derived No-Effect Level PNEC = Predicted No-Effect Concentration NOEL = No Observed Effect Level ATE = Acute Toxicity Estimate
General information	USE AS MOTOR FUEL ONLY.
Key literature references and sources for data	Regulations, databases, literature, own research. Concawe Report 10/14: Hazard Classification and Labelling of Petroleum Substances in the EEA - 2014. Chemical Safety Report (Gasoline, MTBE, ETBE, TAME, TAEE, ethanol, methanol, 2010-2012)
Revision comments	Updated, sections: 1 - 16. Revised classification.
Revision date	06/04/2017
Supersedes date	17/01/2011
SDS number	5762
Hazard statements in full	H224 Extremely flammable liquid and vapour. H225 Highly flammable liquid and vapour. H301 Toxic if swallowed. H302 Harmful if swallowed. H304 May be fatal if swallowed and enters airways. H311 Toxic in contact with skin. H315 Causes skin irritation. H319 Causes serious eye irritation. H331 Toxic if inhaled. H336 May cause drowsiness or dizziness. H340 May cause genetic defects. H350 May cause cancer. H361 Suspected of damaging fertility or the unborn child. H370 Causes damage to organs . H411 Toxic to aquatic life with long lasting effects.