



BA 100 EVO plus motor gasoline

ac according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878 according to Regulation (EU) 2020/878
Issue date: 6/8/2020
Revision date: 10/2023

Version: 4.0

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

1.1. Product identifier

Chemical type	: Mixture
Name	: BA 100 EVO plus motor gasoline, Slovnaft Master 100
Obchodný názov/Označenie	: Gasoline BA 100 a BA 98, Slovnaft Master 100
Product code	: 11010004; 11010005; 11010006; 11010007; 11010015; 11010051; 11010301;
Local code	: 11010004; 11010005; 11010006; 11010007; 11010015; 11010051; 11010301; 11010181
IUPAC	: Gasoline, low boiling point naphtha - unspecified
Chemical name	: Gasoline, low boiling point naphtha - unspecified
UFI code	: 8R7W-M06M-K00S-0U2U

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

1.2.1. Relevant identified uses

Main use category	: Industrial use, Professional use, Consumer use
Industrial/Professional use spec	: Distribution of substance Formulation & (re)packing of substances and mixtures Use as an intermediate Use as a fuel Rubber production and processing Use in Cleaning Agents Uses in Coatings Manufacture of substance
Function or use category	: Intermediates, Impregnation agents, Fuels

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

SLOVNAFT, a.s.
Vlčie hrdlo 1
824 12 Bratislava - Slovakia
T +421-(0)2/4055-1111 - F +421-(0)2/5859-9759
info@slovnaft.sk - www.slovnaft.sk

1.4. Emergency telephone number

Emergency number : Podnikový dispečing 1: ++0421(0)2/4055 3344

Country	Organisation/Company	Address	Emergency number	Comment
Ireland	National Poisons Information Centre Beaumont Hospital	PO Box 1297 Beaumont Road 9 Dublin	+353 1 809 2566 (Healthcare professionals- 24/7) +353 1 809 2166 (public, 8am - 10pm, 7/7)	
Israel	Israel Poison Information Center Rambam Health Care Campus	6 Ha'Aliya Street 31096 Haifa	+972 4 854 1900	
Malta	Medicines & Poisons Info Office	Mater Dei Hospital MSD Msida	+356 2545 6504	
United Kingdom	National Poisons Information Service (Belfast Centre) Royal Victoria Hospital	Grosvenor Road BT12 6BA Belfast	0344 892 0111	

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

United Kingdom	National Poisons Information Service (Birmingham Centre) City Hospital	Dudley Road B18 7QH Birmingham	0344 892 0111	
United Kingdom	National Poisons Information Service (Cardiff Centre) Gwenwyn Ward, Llandough Hospital	Penarth CF64 2XX Cardiff	0344 892 0111	
United Kingdom	National Poisons Information Service Edinburgh Royal Infirmary of Edinburgh	Little France Crescent EH16 4SA Edinburgh	0344 892 0111	
United Kingdom	Guy's & St Thomas' Poisons Unit Medical Toxicology Unit, Guy's & St Thomas' Hospital Trust	Avonley Road SE14 5ER London	+44 20 7188 7188	
United Kingdom	National Poisons Information Service (Newcastle Centre) Regional Drugs and Therapeutics Centre, Wolfson Unit	Claremont Place Newcastle-upon-Tyne NE1 4LP Newcastle	0344 892 0111	

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Flammable liquids, Category 1	H224
Skin corrosion/irritation, Category 2	H315
Germ cell mutagenicity, Category 1B	H340
Carcinogenicity, Category 1B	H350
Reproductive toxicity, Category 2	H361
Specific target organ toxicity — Single exposure, Category 2	H371
Specific target organ toxicity — Single exposure, Category 3, Narcosis	H336
Specific target organ toxicity — Repeated exposure, Category 2	H373
Aspiration hazard, Category 1	H304
Hazardous to the aquatic environment — Chronic Hazard, Category 2	H411
Full text of H statements : see section 16	

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

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

Hazard pictograms (CLP)



Signal word (CLP)

: Danger

Hazard statements (CLP)

: 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.
H371 - May cause damage to organs.
H373 - May cause damage to organs through prolonged or repeated exposure.
H411 - Toxic to aquatic life with long lasting effects.

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

Precautionary statements (CLP) :

- P201 - Obtain special instructions before use.
- 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.
- P233 - Keep container tightly closed.
- P240 - Ground and bond container and receiving equipment.
- P241 - Use explosion-proof electrical/ventilating/lighting 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.
- P273 - Avoid release to the environment.
- P280 - Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
- P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor.
- 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 .
- 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.
- P308+P313 - IF exposed or concerned: Get medical advice/attention.
- P312 - Call a POISON CENTRE or doctor if you feel unwell.
- P321 - Specific treatment (see supplemental first aid instruction on this label).
- P331 - Do NOT induce vomiting.
- P332+P313 - If skin irritation occurs: Get medical advice/attention.
- P362+P364 - Take off contaminated clothing and wash it before reuse.
- P370+P378 - In case of fire: Use media other than water to extinguish.
- P391 - Collect spillage.
- P403+P233 - Store in a well-ventilated place. Keep container tightly closed.
- P403+P235 - Store in a well-ventilated place. Keep cool.
- P405 - Store locked up.
- P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

2.3. Other hazards

Other hazards which do not result in classification : Can form explosive mixture with air.
Endocrine disruptors: not yet evaluated

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Názov	Identifikátor produktu			% (w/w) Koncentrácia	Klasifikácia podľa Nariadenia ES č.1272/2008
	č. CAS	č.v ES	REACH čís		
SN / 289-220-8 / Gasoline, low boiling point naphtha- unspecified	86290-81-5	289-220-8	01-2119471335- 39-0079	85	Flam. Liq. 1, H224 Skin Irrit. 2, H315 Asp. Tox. 1, H304 Repr. 2, H361 Muta. 1B, H340 Carc. 1B, H350 STOT SE 3, H336 Aquatic Chronic 2, H411
SN / 211-309-7 / 2- ethoxy-2- methylpropane	637-92-3	211-309-7	01-2119452785-29	<= 15,00	Flam. Liq. 2, H225 STOT SE 3, H336

Content of selected substances of the mixture

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

Názov	Identifikátor produktu			% (w/w) Koncentrácia	Klasifikácia podľa Nariadenia ES č.1272/2008
	č. CAS	č.v ES	REACH čís		
toluene	108-88-3	203-625-9	01-2119471310-51-0018	<= 20	Flam. Liq. 2, H225 Asp. Tox. 1, H304 Repr. 2, H361d Skin Irrit. 2, H315 STOT RE 2, H373 STOT SE 3, H336
SN / 200-753-7 / benzene	71-43-2	200-753-7	01-2119447106-44-0040	<= 1.00	Flam. Liq. 2, H225 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Asp. Tox. 1, H304 Muta. 1B, H340 Carc. 1A, H350 STOT RE 1, H372

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: Before attempting to rescue casualties, isolate area from all potential sources of ignition including disconnecting electrical supply Ensure adequate ventilation and check that a safe, breathable atmosphere is present before entry into confined spaces Drench contaminated clothing with water before removing to avoid risk of sparks from static electricity Hydrogen sulphide (H ₂ S) can accumulate in the headspace of product storage tanks and reach potentially hazardous concentrations.
First-aid measures after inhalation	: if breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing If casualty is unconscious and: Not breathing Ensure that there is no obstruction to breathing and give artificial respiration by trained personnel If necessary, give external cardiac massage and obtain medical advice Breathing Place in the recovery position Administer oxygen if necessary Obtain medical attention if casualty has an altered state of consciousness or if symptoms do not resolve If there is any suspicion of inhalation of H ₂ S (hydrogen sulphide) Rescuers must wear breathing apparatus, belt and safety rope, and follow rescue procedures Remove casualty to fresh air as quickly as possible Immediately begin artificial respiration if breathing has ceased Provision of oxygen may help Obtain medical advice for further treatment.
First-aid measures after skin contact	: Remove contaminated clothing, contaminated footwear and dispose of safely Wash affected area with soap and water Seek medical attention if skin irritation, swelling or redness develops and persists When using high-pressure equipment, injection of product can occur If high-pressure injuries occur, immediately seek professional medical attention Do not wait for symptoms to develop For minor thermal burns, cool the burn Hold the burned area under cold running water for at least five minutes, or until the pain subsides Body hypothermia must be avoided.
First-aid measures after eye contact	: Rinse cautiously with water for several minutes Remove contact lenses, if present and easy to do so Continue rinsing If irritation, blurred vision or swelling occurs and persists, obtain medical advice from a specialist.
First-aid measures after ingestion	: in case of ingestion, always assume that aspiration has occurred The casualty should be sent immediately to hospital Do not wait for symptoms to develop Do not induce vomiting as there is high risk of aspiration Do not give anything by mouth to an unconscious person.

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

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

Symptoms/injuries after inhalation	: Inhalation of vapours may cause headache, nausea, vomiting and an altered state of consciousness.
Symptoms/injuries after skin contact	: Symptoms: reddening, irritation.
Symptoms/injuries after eye contact	: Slight eye irritation.
Symptoms/injuries after ingestion	: few or no symptoms expected If any, nausea and diarrhoea might occur Ingestion (swallowing) of this material may result in an altered state of consciousness and loss of coordination.

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

No relevant data available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	: Foam (trained personnel only). Water fog (trained personnel only). Dry chemical powder. Carbon dioxide. Other inert gases (subject to regulations). Sand or earth.
Unsuitable extinguishing media	: Do not use direct water jets on the burning product; they could cause splattering and spread the fire. Simultaneous use of foam and water on the same surface is to be avoided as water destroys the foam.

5.2. Special hazards arising from the substance or mixture

Reactivity	: This substance will float and can be reignited on surface water.
------------	--

5.3. Advice for firefighters

Protection during firefighting	: In case of a large fire or in confined or poorly ventilated spaces, wear full fire resistant protective clothing and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
Other information	: Incomplete combustion is likely to give rise to a complex mixture of airborne solid and liquid particulates, gases, including carbon monoxide. Unidentified organic and inorganic compounds. If sulphur compounds are present in appreciable amounts, combustion products may include also H ₂ S and SO _x (sulfur oxides) or sulfuric acid.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Protective equipment	: Small spillages: normal antistatic working clothes are usually adequate Large spillages: full body suit of chemically resistant and antistatic material Work gloves providing adequate chemical resistance, specifically to aromatic hydrocarbons gloves made of PVA are not water-resistant, and are not suitable for emergency use Work helmet Antistatic non-skid safety shoes or boots Goggles and /or face shield, if splashes or contact with eyes is possible or anticipated Respiratory protection: a half or full-face respirator with filter(s) for organic vapours/H ₂ S, or a Self-contained Breathing Apparatus (SCBA) can be used according to the extent of spill and predictable amount of exposure. If the situation cannot be completely assessed, or if an oxygen deficiency is possible, only SCBA's should be used.
----------------------	---

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

Emergency procedures : Stop or contain leak at the source, if safe to do so
Avoid direct contact with released material
Stay upwind
In case of large spillages, alert occupants in downwind areas
Keep non-involved personnel away from the area of spillage. Alert emergency personnel
Except in case of small spillages,
The feasibility of any actions should always be assessed and advised, if possible, by a trained, competent person in charge of managing the emergency
Eliminate all ignition sources if safe to do so (e.g. electricity, sparks, fires, flares
In those cases when the presence of dangerous amounts of SO₂ or H₂S around the spilled product is suspected or proved,
additional or special actions may be warranted including access restrictions, use of special protection equipment, procedures and personnel training
If required, notify relevant authorities according to all applicable regulations
If necessary dike the product with dry earth, sand or similar non-combustible materials
Large spillages may be cautiously covered with foam, if available, to limit vapour cloud formation
Do not use direct jets
When inside buildings or confined spaces, ensure adequate ventilation.

6.1.2. For emergency responders

No relevant data available

6.2. Environmental precautions

Prevent product from entering sewers, rivers or other bodies of water, or underground spaces (tunnels, cellars, etc.)

Absorb spilled product with suitable non-combustible materials

Collect free product with suitable mechanical means

Transfer collected product and other contaminated materials to suitable containers for recovery or safe disposal

In case of soil contamination, remove contaminated soil and treat in accordance with local regulations

In case of small spillages in closed waters, contain product with floating barriers or other equipment

Collect spilled product by absorbing with specific floating absorbents

If possible, large spillages in open waters should be contained with floating barriers or other mechanical means

Isolate the area and prevent fire/explosion hazard for ships and other structures, taking into account wind direction and speed, until the product is completely dispersed

Contain spillage – ventilate area and allow to evaporate

The use of dispersants should be advised by an expert, and, if required, approved by local authorities.

6.3. Methods and material for containment and cleaning up

For containment : recommended measures are based on the most likely spillage scenarios for this material; however, local conditions (wind, air temperature, wave/current direction and speed) may significantly influence the choice of appropriate actions

For this reason, local experts should be consulted when necessary

Local regulations may also prescribe or limit actions to be taken

Concentration of H₂S in tank headspaces may reach hazardous values, especially in case of prolonged storage

This situation is especially relevant for those operations which involve direct exposure to the vapours in the tank

Spillages of limited amounts of product, especially in the open air when vapours will be usually quickly dispersed, are dynamic situations, which will presumably limit the exposure to dangerous concentrations

As H₂S has a density greater than ambient air, a possible exception may regard the build-up of dangerous concentrations in specific spots, like trenches, depressions or confined spaces

In all these circumstances, however, the correct actions should be assessed on a case-by-case basis.

6.4. Reference to other sections

No relevant data available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Obtain special instructions before use. Risk of explosive mixtures of vapour and air. Ensure that all relevant regulations regarding explosive atmospheres, and handling and storage facilities of flammable products, are followed. A specific assessment of inhalation risks from the presence of H₂S in tank headspaces, confined spaces, product residue, tank waste and waste water, and unintentional releases must be made to help determine controls appropriate to local

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

circumstances. Keep away from heat/sparks/open flames/hot surfaces. Do not eat, drink or smoke when using this product. Avoid contact with the hot product. Avoid release to the environment. Take precautionary measures against static electricity. Ground/bond containers, tanks and transfer/receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. The vapour is heavier than air. Beware of accumulation in pits and confined spaces. Use only bottom loading of tankers, in compliance with European legislation. Do not use compressed air for filling, discharging, or handling operations. Avoid contact with skin and eyes. Do not ingest. Do not breathe vapours. Use adequate personal protective equipment as required. For more information regarding protective equipment and operational conditions see Exposure scenarios. Ensure that proper housekeeping measures are in place. Contaminated materials should not be allowed to accumulate in the workplaces and should never be kept inside the pockets. Keep away from food and beverages. Wash the hands thoroughly after handling. Change contaminated clothes at the end of working shift.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures	: Before entering storage tanks and commencing any operation in a confined area, check the atmosphere for oxygen content and flammability. If sulphur compounds are suspected to be present in the product, check the atmosphere for H ₂ S content. Light hydrocarbon vapours can build up in the headspace of containers. These can cause flammability / explosion hazards. Open slowly in order to control possible pressure release. Empty containers may contain flammable product residues. Do not weld, solder, drill, cut or incinerate empty containers, unless they have been properly cleaned.
Storage conditions	: Cleaning, inspection and maintenance of internal structure of storage tanks must be done only by properly equipped and qualified personnel as defined by national, local or company regulations.
Storage area	: Use and store only outdoors or in a well-ventilated area. Storage area layout, tank design, equipment and operating procedures must comply with the relevant European, national or local legislation. Storage installations should be designed with adequate bunds in case of leaks or spills. Store separately from oxidising agents.
Special rules on packaging	: If the product is supplied in containers: Keep only in the original container or in a suitable container for this kind of product. Keep containers tightly closed and properly labelled. Protect from the sunlight.
Packaging materials	: Recommended materials: For containers, or container linings use materials specifically approved for use with this product. Some synthetic materials may be unsuitable for containers or container linings depending on the material specification and intended use. Compatibility should be checked with the manufacturer.

7.3. Specific end use(s)

Site documentation to support safe handling arrangements including the selection of engineering, administrative and personal protective equipment controls in accordance with risk-based management systems is available at each manufacturing site.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Gasoline SUPER 95 - with biocomponent		
EU	IOELV TWA (mg/m ³)	3.25 mg/m ³ benzene
EU	IOELV TWA (ppm)	1 ppm benzene
EU	IOELV STEL (mg/m ³)	16.25 mg/m ³ benzene
EU	IOELV STEL (ppm)	5 ppm benzene
Slovakia	TSH (mg/m ³)	3.25 mg/m ³
Slovakia	TSH (ppm)	1 ppm

toluene (108-88-3)		
European Union	IOELV TWA (mg/m ³)	192 mg/m ³
European Union	IOELV TWA (ppm)	50 ppm
European Union	IOELV STEL (mg/m ³)	384 mg/m ³
European Union	IOELV STEL (ppm)	100 ppm

SN / 200-753-7 / benzene (71-43-2)		
European Union	IOELV TWA (mg/m ³)	3.25 mg/m ³
European Union	IOELV TWA (ppm)	1 ppm
European Union	IOELV STEL (mg/m ³)	16.25 mg/m ³
European Union	IOELV STEL (ppm)	5 ppm

Gasoline SUPER 95 - with biocomponent	
DNEL/DMEL (Workers)	
Acute - systemic effects, inhalation	1300 mg/m ³ / 15 min.
Acute - local effects, inhalation	1100 mg/m ³ / 15 min.
Long-term - local effects, inhalation	840 mg/m ³ / 8h
DNEL/DMEL (General population)	
Acute - systemic effects, inhalation	1200 mg/m ³ / 15 min.
Acute - local effects, inhalation	640 mg/m ³ / 15 min.
Long-term - local effects, inhalation	180 mg/m ³ / 8 h

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

PNEC : Substance is a hydrocarbon UVCB that poses a chronic marine hazard. The hydrocarbon block method is used for environmental risk assessment.

8.2. Exposure controls

Appropriate engineering controls : Where hot product is handled in confined spaces, effective local ventilation must be provided.
Personal protective equipment : Protective goggles. Gloves.



Hand protection : Wear chemically resistant gloves (tested to EN374) in combination with specific activity training. Gloves must be periodically inspected and changed in case of wear, perforations or contaminations.

Eye protection : If splashing is likely, full head and face protection (protective shield and/or safety goggles) should be used. If contact is likely, a protection (protective shield and/or safety goggles) should be used.

Skin and body protection : Wear suitable coveralls to prevent exposure to the skin. Coveralls should be changed at the end of the work shift and cleaned as necessary to avoid transfer of product to clothes or underwear.

Respiratory protection : to avoid respiratory tract irritation inhalation exposure should be kept to a minimum. If exposure levels cannot be determined or estimated with adequate confidence, or an oxygen deficiency is possible, only SCBA's should be used. If necessary, approved respiratory protection equipment shall be used when handling hot product in confined spaces: enclosed face mask with cartridge/filter type "A" or self-contained breathing apparatus (SCBA). Change filter cartridge on respirator daily.

Thermal hazard protection : None in normal conditions.

Environmental exposure controls : Store finished products in closed containers (e.g. bulk tanks, drums, cans); Store all VOC-containing wastes in closed, secure containers (e.g., bulk tanks, intermediate bulk containers, drums). Incinerate, absorb, or adsorb vapours stripped from solution whenever necessary. Use vapour recovery units when necessary. Carefully handle the substance to minimise releases.

Consumer exposure controls : Site documentation to support safe handling arrangements including the selection of engineering, administrative and personal protective equipment controls in accordance with risk-based management systems is available at each manufacturing site.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid
Colour : Colourless.
Odour : characteristic odour.
Boiling point : 35 - 215 °C
Flash point : - 25 °C
Explosive limits (vol %) : 0.6 - 8 vol %
Vapour pressure : 38 - 45 kPa at 20°C
Density : 720 - 775 kg/m³ at 15°C
Auto-ignition temperature : 220 °C
Viscosity : < 1 mm²/s at 37,8°C

9.2. Other information

Any other additional information about the quality of the product will be indicated on the test report.

SECTION 10: Stability and reactivity

10.1. Reactivity

This substance will float and can be reignited on surface water.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Contact with strong oxidizers (peroxides, chromates, etc.) may cause a fire hazard.

10.4. Conditions to avoid

They may be ignited by heat, sparks, static electricity or flames.

10.5. Incompatible materials

A mixture with nitrates or other strong oxidisers (e.g. chlorates, perchlorates, liquid oxygen) may create an explosive mass.

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

10.6. Hazardous decomposition products

Combustion (incomplete) will likely generate oxides of carbon, sulphur and nitrogen, as well as additional undetermined organic compounds of the same elements.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

Gasoline SUPER 95 - with biocomponent	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
LC50 inhalation rat (mg/l)	> 5610 mg/m ³
SN / 211-309-7 / 2-ethoxy-2-methylpropane (637-92-3)	
LD50 oral rat	> 2000 mg/kg
LD50 dermal rat	> 20 mg/kg
LD50 dermal rabbit	> 2000 nl/kg
SN / 200-753-7 / benzene (71-43-2)	
LD50 oral rat	> 2000 mg/kg
LD50 dermal rat	> 5000 mg/kg
LC50 inhalation rat (mg/l)	> 20 mg/kg

Irritation : Not classified
Corrosivity : Not classified
Sensitisation : Not classified
Repeated dose toxicity : Not classified
Carcinogenicity : Not classified
Mutagenicity : Not classified
Toxicity for reproduction : Not classified
Endocrine disruptors : not yet evaluated

11.2 Information about other hazards

Other information : The substance/mixture has no endocrine disrupting properties.

SECTION 12: Ecological information

12.1. Toxicity

Gasoline SUPER 95 - with biocomponent	
LC50 fish 1	8.2 - 10 mg/l
EC50 other aquatic organisms 1	> 680 mg/l
LC50 fish 2	> 250 mg/l
EC50 Daphnia 2	116.62 mg/l
SN / 211-309-7 / 2-ethoxy-2-methylpropane (637-92-3)	
LC50 fish 1	> 1000 mg/l
EC50 Daphnia 1	> 974.1 mg/l
EC50 other aquatic organisms 1	868.5 mg/l
SN / 200-753-7 / benzene (71-43-2)	
LC50 fish 1	5.3 mg/l
EC50 Daphnia 1	10 mg/l
LC50 fish 2	0.8 mg/l
LC50 other aquatic organisms 2	3 mg/l
EC50 other aquatic organisms 2	100 mg/l The 24 hour IC50 for nitrification

12.2. Persistence and degradability

SN / 211-309-7 / 2-ethoxy-2-methylpropane (637-92-3)	
Persistence and degradability	Product is biodegradable with difficulty.
BOD (% of ThOD)	Biodegradation is low OECD 301D =6,60%
SN / 200-753-7 / benzene (71-43-2)	
Persistence and degradability	Easily biodegradable (concerning to the criteria of the OECD).

12.3. Bioaccumulative potential

Gasoline SUPER 95 - with biocomponent	
Log Kow	2.1 - 6

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

SN / 211-309-7 / 2-ethoxy-2-methylpropane (637-92-3)

Log Pow	1.28
---------	------

SN / 200-753-7 / benzene (71-43-2)

Bioconcentration factor (BCF REACH)	1,1 20
Log Pow	2.13 at 25 °C
Log Kow	2.13
Bioaccumulative potential	Does not accumulate in organisms.

12.4. Mobility in soil

SN / 211-309-7 / 2-ethoxy-2-methylpropane (637-92-3)

Mobility in soil	high mobility in soil
------------------	-----------------------

SN / 200-753-7 / benzene (71-43-2)

Mobility in soil	85
------------------	----

12.5. Results of PBT and vPvB assessment

Gasoline SUPER 95 - with biocomponent	
Results of PBT assessment	Anthracene is not present in this substance at greater than 0,1% no other representative hydrocarbons structures were found to meet the PBT/vPvB criteria

SN / 211-309-7 / 2-ethoxy-2-methylpropane (637-92-3)

Results of PBT assessment	ETBE does not meet criteria substance
---------------------------	---------------------------------------

12.6. Endocrine disturbing properties

It does not contain any substance with properties disrupting the endocrine system, and a concentration of 0.1 % or more.

12.7. Other adverse effects

Endocrine disruptors: not yet evaluated

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste)	: DIRECTIVE 2008/98/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 19 November 2008 on waste and repealing certain Directives.
Waste treatment methods	: Contain and dispose of waste according to local regulations. External recovery and recycling of waste should comply with applicable local and/or national regulations. External treatment and disposal of waste should comply with applicable local and/or national regulations. Where possible (e.g. in the absence of relevant contamination), recycling of used substance is feasible and recommended.
Sewage disposal recommendations	: Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point. Do not empty into drains. Dispose of this material and its container in a safe way.
Waste disposal recommendations	: Clear up spills immediately and dispose of waste safely. Dispose of waste or used sacks/containers according to local regulations.
Additional information	: (*) Hazardous waste according to Directive 91/689/EEC. European Waste Catalogue code(s) (Decision 2001/118/CE): The final user has the responsibility for the attribution of the most suitable code, according to the actual use(s) of the material, contaminations or alterations.
Ecology - waste materials	: Hazardous waste. Avoid any discharge of the product into waste water. Disposal in high-temperature incinerator (> 1200 °C).
EWC (EURL) code	: 05 01 05* - oil spills, 07 07 08* - other still bottoms and reaction residues, 13 07 01* - fuel oil and diesel, 15 01 10* - packaging containing residues of or contaminated by dangerous substances

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

ADR	RID	ADN	IMDG	IATA
14.1. UN number				
1203	1203	1203	1203	1203
14.2. UN proper shipping name				
MOTOR SPIRIT / GASOLINE / PETROL	MOTOR SPIRIT / GASOLINE / PETROL	MOTOR SPIRIT / GASOLINE / PETROL	MOTOR SPIRIT / GASOLINE / PETROL	MOTOR SPIRIT / GASOLINE / PETROL
Transport document description				
UN 1203 MOTOR SPIRIT, 3, II, (D/E), ENVIRONMENTALLY HAZARDOUS	UN 1203 MOTOR SPIRIT, 3, II, ENVIRONMENTALLY HAZARDOUS	UN 1203 MOTOR SPIRIT, 3, II, ENVIRONMENTALLY HAZARDOUS	UN 1203 MOTOR SPIRIT, 3, II, MARINE POLLUTANT / ENVIRONMENTALLY HAZARDOUS	UN 1203 MOTOR SPIRIT, 3, II, ENVIRONMENTALLY HAZARDOUS
14.3. Transport hazard class(es)				
3	3	3	3	3

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

ADR	RID	ADN	IMDG	IATA
14.4. Packing group				
II	II	II	II	II
14.5. Environmental hazards				
Dangerous for the environment : Yes	Dangerous for the environment : Yes	Dangerous for the environment : Yes	Dangerous for the environment : Yes Marine pollutant : Yes	Dangerous for the environment : Yes
14.6. Classification code :				
F1	F1	F1		
14.7. Hazard identification number (Kemler No.)				
33	33			
14.8. Additional information				
Tunnel restriction code (ADR) : D/E		Number of blue cones/lights (ADN) : 1	EmS-No. (Fire) : F-E EmS-No. (Spillage) : S-E	PCA packing instructions (IATA) : 353 CAO packing instructions (IATA) : 364
No supplementary information available				

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

The following restrictions are applicable according to Annex XVII of the REACH Regulation (EC) No 1907/2006:

3. Liquid substances or mixtures which are regarded as dangerous or are fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008	Gasoline SUPER 95 - with biocomponent - ethanol; - SN / 211-309-7 / 2-ethoxy-2-methylpropane - SN / 289-220-8 / Gasoline
5. Benzene	benzene
28. Substances which appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 classified as Carcinogen category 1A or 1B (Table 3.1) or Carcinogen category 1 or 2 (Table 3.2) and listed as follows: Carcinogen category 1A (Table 3.1)/Carcinogen category 1 (Table 3.2) listed in Appendix 1 Carcinogen category 1B (Table 3.1)/Carcinogen category 2 (Table 3.2) listed in Appendix 2	Gasoline SUPER 95 - with biocomponent - ethanol; - SN / 211-309-7 / 2-ethoxy-2-methylpropane - SN / 289-220-8 / Gasoline
29. Substances which appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 classified as Germ cell Mutagen category 1A or 1B (Table 3.1) or Mutagen category 1 or 2 (Table 3.2) and listed as follows: Mutagen category 1A (Table 3.1)/Mutagen category 1 (Table 3.2) listed in Appendix 3 Mutagen category 1B (Table 3.1)/Mutagen category 2 (Table 3.2) listed in Appendix 4	Gasoline SUPER 95 - with biocomponent - ethanol; - SN / 211-309-7 / 2-ethoxy-2-methylpropane - SN / 289-220-8 / Gasoline
40. Substances classified as flammable gases category 1 or 2, flammable liquids categories 1, 2 or 3, flammable solids category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1, 2 or 3, pyrophoric liquids category 1 or pyrophoric solids category 1, regardless of whether they appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 or not.	Gasoline SUPER 95 - with biocomponent - ethanol; - SN / 211-309-7 / 2-ethoxy-2-methylpropane - SN / 289-220-8 / Gasoline
48. Toluene	toluene

15.1.2. National regulations

Regional legislation

: 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 (CLP), 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), COMMISSION REGULATION (EU) No 605/2014 of 5 June 2014 amending, for the purposes of introducing hazard and precautionary statements in the Croatian language and its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures, COMMISSION REGULATION (EU) 2015/830 of 28 May 2015, amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

15.2. Chemical safety assessment

Chemical Safety Assessment

: For this preparation a chemical safety assessment has been carried out

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

SECTION 16: Other information

SDS changed items	: Trade name updating.
Data sources	: CONCAWE registration dossier.
Training advice	: Before handling, storing or using the present substance for the first time, employees must be informed.

Full text of H- and EUH-phrases::

Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Asp. Tox. 1	Aspiration hazard, Category 1
Carc. 1A	Carcinogenicity, Category 1A
Carc. 1B	Carcinogenicity, Category 1B
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 1	Flammable liquids, Category 1
Flam. Liq. 2	Flammable liquids, Category 2
Muta. 1B	Germ cell mutagenicity, Category 1B
Repr. 2	Reproductive toxicity, Category 2
Repr. 2	Reproductive toxicity, Category 2
Repr. 2	Reproductive toxicity, Category 2
Skin Irrit. 2	Skin Corrosion/Irritation Category 2
STOT RE 1	Specific target organ toxicity — repeated exposure Category 1
STOT RE 2	Specific target organ toxicity — repeated exposure Category 2
STOT SE 3	Specific target organ toxicity — single exposure Category 3
H224	Extremely flammable liquid and vapour
H225	Highly 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
H361	Suspected of damaging fertility or the unborn child
H361d	Suspected of damaging the unborn child
H361f	Suspected of damaging fertility
H372	Causes damage to organs through prolonged or repeated exposure
H373	May cause damage to organs through prolonged or repeated exposure
H411	Toxic to aquatic life with long lasting effects

Precautionary statements (CLP):

P201	Obtain special instructions before use
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking
P233	Keep container tightly closed
P280	Wear face protection
P301+P310+P331	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

P308+P313	IF exposed or concerned: Get medical advice/attention
-----------	---

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product