



# Eurol Petrol Fuel Treat

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878  
Issue date: 13-3-2014 Revision date: 3-11-2022 Supersedes: 8-2-2022 Version: 2.1

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

#### 1.1. Product identifier

Product form : Mixture  
Product name : Eurol Petrol Fuel Treat  
Product code : E802515  
Type of product : Organic solvent  
Product group : Trade product

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

##### 1.2.1. Relevant identified uses

Intended for general public  
Main use category : Industrial use, professional use, Consumer use  
Use of the substance/mixture : Organic solvent

##### 1.2.2. Uses advised against

No additional information available

#### 1.3. Details of the supplier of the safety data sheet

Eurol bv. B.V.  
Energiestraat 12  
P.O. Box P.O. Box 135  
NL- 7442 DA Nijverdal  
The Netherlands  
T +31 548 615165  
[reach@eurol.com](mailto:reach@eurol.com) - [www.eurol.com](http://www.eurol.com)

#### 1.4. Emergency telephone number

Emergency number : +31 79 3467 808  
EVOFENEDEX

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)	
Malta	Medicines & Poisons Info Office	Mater Dei Hospital MSD 2090 Msida	+356 2545 6508	
United Kingdom	National Poisons Information Service (Birmingham Centre) City Hospital	Dudley Road B18 7QH Birmingham	0344 892 0111	Only for healthcare professionals
United Kingdom	NHS 111/NHS 24/NHS Direct	Edinburgh	111 0845 4647	or call a doctor

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

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

Specific target organ toxicity – Repeated exposure, Category 2 H373  
Aspiration hazard, Category 1 H304

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Hazardous to the aquatic environment – Chronic Hazard, Category 3 H412

Full text of H- and EUH-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)



GHS08

CLP Signal word

: Danger

Contains

: Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, aromatics (2-25%), Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics

Hazard statements (CLP)

: H304 - May be fatal if swallowed and enters airways.  
H373 - May cause damage to organs (nervous system) through prolonged or repeated exposure (Inhalation).  
H412 - Harmful to aquatic life with long lasting effects.

Precautionary statements (CLP)

: P101 - If medical advice is needed, have product container or label at hand.  
P102 - Keep out of reach of children.  
P301+P310+P331 - IF SWALLOWED: Immediately call a doctor. Do NOT induce vomiting.  
P314 - Get medical advice/attention if you feel unwell.  
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.

Child-resistant fastening

: Applicable

Tactile warning

: Applicable

## 2.3. Other hazards

Other hazards not contributing to the classification : This product floats on water and may affect the oxygen-balance in the water. Material can accumulate some static charge during transfer. Flammable or explosive vapour/air mixtures may be formed.

Contains no PBT/vPvB substances  $\geq 0.1\%$  assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics	EC-No.: 926-141-6 REACH-no: 01-2119456620-43	$\geq 50$	Acute Tox. 4 (Inhalation:dust,mist), H332 Asp. Tox. 1, H304
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, aromatics (2-25%) substance with a Community workplace exposure limit	EC-No.: 919-164-8 REACH-no: 01-2119473977-17	1 – 3	STOT RE 1, H372 Asp. Tox. 1, H304 Aquatic Chronic 3, H412

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Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
2,6-Di-tert-butylphenol	CAS-No.: 128-39-2 EC-No.: 204-884-0 REACH-no: 01-2119490822-33	0,1 – 1	Skin Irrit. 2, H315 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene	CAS-No.: 68411-46-1 EC-No.: 270-128-1 REACH-no: 01-2119491299-23	0,1 – 1	Repr. 2, H361f
2,6-Di-tert-butyl-p-cresol substance with national workplace exposure limit(s) (GB, IE); substance with a Community workplace exposure limit	CAS-No.: 128-37-0 EC-No.: 204-881-4 REACH-no: 01-2119555270-46	< 0,1	Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Diphenylamine substance with national workplace exposure limit(s) (GB, IE)	CAS-No.: 122-39-4 EC-No.: 204-539-4 EC Index-No.: 612-026-00-5 REACH-no: 01-2119488966-13	< 0,1	Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Inhalation), H331 Eye Dam. 1, H318 STOT RE 1, H372 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

Full text of H- and EUH-statements: see section 16

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

First-aid measures general	: Seek medical attention if ill effect develops.
First-aid measures after inhalation	: When symptoms occur: go into open air and ventilate suspected area. Allow the victim to rest. If you feel unwell, seek medical advice.
First-aid measures after skin contact	: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Seek medical attention if ill effect or irritation develops.
First-aid measures after eye contact	: Ensure adequate flushing of eyes by separating eyelids with the fingers. Obtain medical attention if pain, blinking, tears or redness persist.
First-aid measures after ingestion	: Do not induce vomiting. If vomiting occurs spontaneously, keep head below the hips to prevent aspiration. Vomiting after ingestion may cause aspiration into the lungs, which may cause severe lungdamage or death.

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

Symptoms/effects after inhalation	: High concentration of vapours may induce: headache, dizziness, drowsiness, nausea and vomiting.
Symptoms/effects after skin contact	: Unlikely to cause harm to the skin on brief or occasional contact but prolonged or repeated exposure may lead to dermatitis.
Symptoms/effects after eye contact	: Unlikely to cause more than transient stinging or redness if accidental eye contact occurs. Contact with the eyes is likely to be irritating. Harmful: may cause lung damage if swallowed.
Symptoms/effects after ingestion	: Bad taste. Harmful: may cause lung damage if swallowed. Vomiting after ingestion may cause aspiration into the lungs, which may cause severe lungdamage or death.
Symptoms/effects upon intravenous administration	: Unknown.

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

Treat symptomatically.

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### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

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|--------------------------------|--|
| Suitable extinguishing media   | : carbon dioxide (CO <sub>2</sub> ), dry chemical powder, foam. Water fog.       |
| Unsuitable extinguishing media | : Do not use a heavy water stream. Use of heavy stream of water may spread fire. |

#### 5.2. Special hazards arising from the substance or mixture

- |  |  |
|--|--|
| Fire hazard                                      | : Combustion generates: CO, CO <sub>2</sub> .      |
| Explosion hazard                                 | : May form flammable/explosive vapour-air mixture. |
| Hazardous decomposition products in case of fire | : CO, CO <sub>2</sub> .                            |

#### 5.3. Advice for firefighters

- |                                |  |
|--------------------------------|--|
| Precautionary measures fire    | : Do not enter fire area without proper protective equipment, including respiratory protection.  |
| Firefighting instructions      | : Use water spray or fog for cooling exposed containers.   |
| Protection during firefighting | : Use self-contained breathing apparatus and chemically protective clothing.   |
| Other information              | : Prevent fire fighting water from entering the environment. Sweep up and remove to a suitable, clearly marked container for disposal in accordance with local regulations. Heavier than air, vapours may travel long distances along ground, ignite and flash back to source. |

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

- |                  |  |
|------------------|--|
| General measures | : Prevent soil and water pollution. Spill area may be slippery. Prevent build-up of electrostatic charges (e.g. by grounding). Remove all sources of ignition. |
|------------------|--|

##### 6.1.1. For non-emergency personnel

- |                      |   |
|----------------------|---|
| Protective equipment | : When the risk of skin exposure is high (e.g. when cleaning up spillages or if there is a risk of splashing) then chemical resistant aprons and/or impervious chemical suits and boots will be required. |
| Emergency procedures | : Consider evacuation.  |

##### 6.1.2. For emergency responders

- |                      |   |
|----------------------|---|
| Protective equipment | : When the risk of skin exposure is high (e.g. when cleaning up spillages or if there is a risk of splashing) then chemical resistant aprons and/or impervious chemical suits and boots will be required. |
| Emergency procedures | : No specific measures are necessary.   |

#### 6.2. Environmental precautions

Prevent soil and water pollution. Prevent entry to sewers and public waters. Dike for recovery or absorb with appropriate material. Notify authorities if product enters sewers or public waters.

#### 6.3. Methods and material for containment and cleaning up

- |                         |  |
|-------------------------|--|
| For containment         | : Contain large spillage with sand or earth.   |
| Methods for cleaning up | : Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Take up large spills with pump or vacuum and finish with dry chemical absorbent.  |
| Other information       | : Use suitable disposal containers. Sweep up and remove to a suitable, clearly marked container for disposal in accordance with local regulations. On water, recover/skim from surface and pour out in disposal container. |

#### 6.4. Reference to other sections

For further information refer to section 13.

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### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Additional hazards when processed	: In use, may form flammable vapour-air mixture. Empty containers retain product residue (solid, liquid, and/or vapor) and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition. They may explode and cause injury or death. Empty containers should be completely drained, properly closed, and promptly returned to a drum reconditioner or disposed of properly.
Precautions for safe handling	: Avoid prolonged and repeated contact with skin. Do not eat, drink or smoke when using this product. May be dangerously slippery if spilled. Take off contaminated clothing. Where contact with eyes or skin is likely, wear suitable protection. Prevent build-up of electrostatic charges (e.g. by grounding). No naked lights. No smoking. Provide local exhaust or general room ventilation to minimize mist and/or vapour concentrations.
Hygiene measures	: Take all necessary measures to avoid accidental discharge of products into drains and waterways due to the rupture of containers or transfer systems. Handle in accordance with good industrial hygiene and safety practice. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Where contact with eyes or skin is likely, wear suitable protection. Wash contaminated clothing before reuse. Cloth, paper and other materials that are used to absorb spills present a fire hazard.

#### 7.2. Conditions for safe storage, including any incompatibilities

Technical measures	: Store in a dry place. Store in a closed container. Store away from direct sunlight or other heat sources.
Storage conditions	: Keep only in original container.
Incompatible products	: Reacts vigorously with strong oxidizers and acids.
Maximum storage period	: 5 year
Storage temperature	: ≤ 40 °C
Information on mixed storage	: Keep away from : Oxidizing materials. Strong acids.
Storage area	: Store at ambient temperature.
Special rules on packaging	: Keep container tightly closed and dry.

#### 7.3. Specific end use(s)

No additional information available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### 8.1.1 National occupational exposure and biological limit values

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)	
EU - Indicative Occupational Exposure Limit (IOEL)	
IOELV TWA (ppm)	100 ppm
IOELV STEL (mg/m³)	350 mg/m³
IOELV STEL (ppm)	56 ppm
2,6-Di-tert-butyl-p-cresol (128-37-0)	
EU - Indicative Occupational Exposure Limit (IOEL)	
IOELV TWA (mg/m³)	5 mg/m³
Ireland - Occupational Exposure Limits	
Local name	2,6-Ditertiary-butyl-para-cresol [Butylated hydroxytoluene (BHT)]
OEL (8 hours ref) (mg/m³)	2 mg/m³
Regulatory reference	Chemical Agents Code of Practice 2021

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2,6-Di-tert-butyl-p-cresol (128-37-0)	
United Kingdom - Occupational Exposure Limits	
Local name	2,6-Di-tert-butyl-p-cresol
WEL TWA (mg/m³)	10 mg/m³
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE
Diphenylamine (122-39-4)	
Ireland - Occupational Exposure Limits	
Local name	Diphenylamine
OEL (8 hours ref) (mg/m³)	10 mg/m³
OEL (8 hours ref) (ppm)	10 ppm
OEL (15 min ref) (mg/m³)	20 mg/m³
OEL (15 min ref) (ppm)	20 ppm
Regulatory reference	Chemical Agents Code of Practice 2021
United Kingdom - Occupational Exposure Limits	
Local name	Diphenylamine
WEL TWA (mg/m³)	10 mg/m³
WEL TWA (ppm)	20 ppm
WEL STEL (mg/m³)	20 mg/m³
WEL STEL (OEL STEL) [ppm]	10 ppm
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE

### 8.1.2. Recommended monitoring procedures

No additional information available

### 8.1.3. Air contaminants formed

No additional information available

### 8.1.4. DNEL and PNEC

No additional information available

### 8.1.5. Control banding

No additional information available

## 8.2. Exposure controls

### 8.2.1. Appropriate engineering controls

#### Appropriate engineering controls:

Provide for appropriate exhaust ventilation at places of vapours accumulation. Use explosion-proof equipment. Provided an air-filtering/air-purifying respirator is suitable, a filter for particulates can be used for mist or fume. Use filter type P or comparable standard. A combination filter for particles and organic gases and vapours (boiling point >65°C) may be required if vapour or abnormal odour is also present due to high product temperature. Use filter type AP or comparable standard. Respiratory protective equipment must be checked to ensure it fits correctly each time it is worn. Large quantities: Contain large spillage with sand or earth.

### 8.2.2. Personal protection equipment

#### Personal protective equipment:

Gloves. In case of splash hazard: safety glasses. Respiratory protective equipment is not normally required where there is adequate natural or local exhaust ventilation to control exposure.

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### Personal protective equipment symbol(s):



#### 8.2.2.1. Eye and face protection

##### Eye protection:

Safety glasses with side shields. Eye protection should only be necessary where liquid could be splashed or sprayed

#### 8.2.2.2. Skin protection

##### Skin and body protection:

No special clothing/skin protection equipment is recommended under normal conditions of use. Avoid repeated or prolonged skin contact. If repeated skin contact or contamination of clothing is likely, protective clothing should be worn. Equipment should conform to EN 166.

##### Hand protection:

In case of repeated or prolonged contact wear gloves. The gloves should be replaced immediately in case of damage or signs of wear. It is recommended to use preventative skin protection (skin cream). The protection glove should be tested for its specific suitability (e.g. mechanical strength, product compatibility, anti-static properties).

##### Other skin protection

##### Materials for protective clothing:

Neoprene or nitrile rubber gloves. Chemical resistant gloves (according to European standard NF EN 374 or equivalent)

#### 8.2.2.3. Respiratory protection

##### Respiratory protection:

Respiratory protective equipment is not normally required where there is adequate natural or local exhaust ventilation to control exposure. Where excessive vapour, mist, or dust may result, use approved respiratory protection equipment. Respiratory protective equipment must be checked to ensure it fits correctly each time it is worn. Provided an air-filtering/air-purifying respirator is suitable, a filter for particulates can be used for mist or fume. Use filter type P or comparable standard. A combination filter for particles and organic gases and vapours (boiling point >65°C) may be required if vapour or abnormal odour is also present due to high product temperature. Use filter type AP or comparable standard.

#### 8.2.2.4. Thermal hazards

No additional information available

#### 8.2.3. Environmental exposure controls

##### Environmental exposure controls:

See Heading 12. See Heading 6.

##### Consumer exposure controls:

Provide good ventilation in process area to prevent formation of vapour. Neoprene or nitrile rubber gloves.

##### Other information:

Do not put the product-soaked rags into the pockets of working clothes. Do not use cloths stained with the product to dry hands. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Do not eat, drink or smoke during use. Wash contaminated clothing before reuse.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: Yellow.
Appearance	: Liquid.
Odour	: characteristic.
Odour threshold	: Not available
Melting point	: ASTM D 97
Freezing point	: Not available
Boiling point	: > 100 °C
Flammability	: Not available
Explosive limits	: 0,6 – 7 vol %
Lower explosive limit (LEL)	: Not available
Upper explosive limit (UEL)	: Not available

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Flash point	: > 62 °C
Auto-ignition temperature	: > 200 °C
Decomposition temperature	: Not available
pH	: Not available
Viscosity, kinematic	: 2 – 4,5 mm <sup>2</sup> /s
Solubility	: insoluble in water.
Log Kow	: Not available
Log Pow	: > 3
Vapour Pressure 20°C	: < 3 hPa
Vapour pressure at 50°C	: Not available
Density	: 0,8 – 0,81 kg/l
Relative density	: Not available
Relative vapour density at 20°C	: > 1 (air = 1)
Particle characteristics	: Not applicable

### 9.2. Other information

#### 9.2.1. Information with regard to physical hazard classes

Explosion limits	: 0,6 – 7 vol %
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#### 9.2.2. Other safety characteristics

Relative evaporation rate (butylacetate=1)	: < 0,1
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## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Stable under normal conditions of use.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

Refer to section 10.1 on Reactivity.

### 10.4. Conditions to avoid

Keep away from naked flames/heat.

### 10.5. Incompatible materials

Strong oxidizing agents. strong acids.

### 10.6. Hazardous decomposition products

CO, CO<sub>2</sub>.

## SECTION 11: Toxicological information

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

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

#### 2,6-Di-tert-butylphenol (128-39-2)

LD50 oral rat	> 5000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity)
LD50 dermal rabbit	> 10000 mg/kg

#### Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)

LD50 oral rat	> 15000 mg/kg
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<b>Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)</b>	
LD50 dermal rabbit	> 3400 mg/kg
LC50 Inhalation - Rat (Vapours)	> 13,1 mg/l/4h
<b>2,6-Di-tert-butyl-p-cresol (128-37-0)</b>	
LD50 oral rat	> 2930 mg/kg
LD50 dermal rat	> 2000 ml/kg
<b>Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, &lt;2% aromatics</b>	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rabbit	> 5000 mg/kg
LC50 Inhalation - Rat	5000 mg/m³
<b>Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene (68411-46-1)</b>	
LD50 oral rat	> 5000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity), Remarks on results: other:
LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), Remarks on results: other:
<b>Diphenylamine (122-39-4)</b>	
LD50 oral rat	2720 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: May cause damage to organs (nervous system) through prolonged or repeated exposure (Inhalation).
<b>2,6-Di-tert-butylphenol (128-39-2)</b>	
NOAEL (oral, rat, 90 days)	100 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 407 (Repeated Dose 28-Day Oral Toxicity Study in Rodents), Guideline: EU Method B.7 (Repeated Dose (28 Days) Toxicity (Oral))
<b>Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)</b>	
STOT-repeated exposure	Causes damage to organs (central nervous system) through prolonged or repeated exposure (Inhalation).
<b>Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene (68411-46-1)</b>	
NOAEL (oral, rat, 90 days)	25 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)
<b>Diphenylamine (122-39-4)</b>	
NOAEL (oral, rat, 90 days)	3 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 452 (Chronic Toxicity Studies)
STOT-repeated exposure	Causes damage to organs through prolonged or repeated exposure.
Aspiration hazard	: May be fatal if swallowed and enters airways.
<b>Eurol Petrol Fuel Treat</b>	
Viscosity, kinematic	2 – 4,5 mm²/s

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### 11.2. Information on other hazards

No additional information available

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general	: Ecotoxicological data have not been determined specifically for this product. Information given is based on a knowledge of the components and the ecotoxicology of similar products.
Ecology - water	: This product floats on water and may affect the oxygen-balance in the water.
Hazardous to the aquatic environment, short-term (acute)	: Not classified
Hazardous to the aquatic environment, long-term (chronic)	: Harmful to aquatic life with long lasting effects.

#### 2,6-Di-tert-butylphenol (128-39-2)

LC50 fish 1	1,4 mg/l Test organisms (species): Pimephales promelas
LC50 fish 2	1,4 mg/l Pimephales promelas
EC50 Daphnia 1	0,45 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	3,6 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
EC50 72h - Algae [2]	1,4 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
EC50 96h - Algae [1]	3,9 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
EC50 96h - Algae [2]	1,2 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
ErC50 (algae)	1000 mg/l
LOEC (chronic)	0,086 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC (chronic)	0,035 mg/l Test organisms (species): Daphnia magna Duration: '21 d'

#### Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)

EC50 Daphnia 1	100 – 220 mg/l EC50 48h - Daphnia magna [mg/l]
LOEC (acute)	0,091 mg/l 28 d

#### 2,6-Di-tert-butyl-p-cresol (128-37-0)

EC50 Daphnia 1	0,48 mg/l EC50 48h - Daphnia magna [mg/l]
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#### Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics

LC50 fish 1	1000 mg/l (96h; Oncorhynchus mykiss)
LC50 other aquatic organisms 1	1000 mg/l (72h; Pseudokirchneriella subcapitata)
EC50 Daphnia 1	1000 mg/l (48h; Daphnia magna)

#### Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene (68411-46-1)

LC50 fish 1	> 100 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)
EC50 Daphnia 1	51 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	> 100 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)
ErC50 (algae)	> 100 mg/l 72h

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Diphenylamine (122-39-4)	
LC50 fish 1	2,2 mg/l
EC50 Daphnia 1	2 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	2,17 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)

### 12.2. Persistence and degradability

Eurol Petrol Fuel Treat	
Persistence and degradability	Major constituents are expected to be inherently biodegradable, but the product contains components that may persist in the environment.

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)	
Persistence and degradability	Product is biodegradable.
Biodegradation	74,7 % (OECD 301F method)

2,6-Di-tert-butyl-p-cresol (128-37-0)	
Biodegradation	4,5 % (OECD 301C method)

Diphenylamine (122-39-4)	
Biodegradation	26 % Closed bottle test 28 days

### 12.3. Bioaccumulative potential

Eurol Petrol Fuel Treat	
Log Pow	> 3
Bioaccumulative potential	This product is not expected to bioaccumulate through food chains in the environment.

2,6-Di-tert-butylphenol (128-39-2)	
Log Pow	4,92

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)	
Log Pow	> 3
Bioaccumulative potential	This product is not expected to bioaccumulate through food chains in the environment.

2,6-Di-tert-butyl-p-cresol (128-37-0)	
Bioconcentration factor (BCF REACH)	330 Cyprinus carpio (Common carp)
Log Pow	5,1
Log Kow	5,03

Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene (68411-46-1)	
Bioconcentration factor (BCF REACH)	1730
Log Pow	5,1

Diphenylamine (122-39-4)	
Log Kow	3,4 Partition coefficient n-octanol/water [log Kow]

# Eurol Petrol Fuel Treat

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### 12.4. Mobility in soil

#### Eurol Petrol Fuel Treat

Ecology - soil	Not miscible with water. Spillages may penetrate the soil causing ground water contamination.
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#### Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)

Ecology - soil	Not miscible with water. Spillages may penetrate the soil causing ground water contamination.
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### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Endocrine disrupting properties

No additional information available

### 12.7. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Regional legislation (waste)	: Disposal must be done according to official regulations.
Waste disposal recommendations	: Dispose in a safe manner in accordance with local/national regulations. Do not discharge into drains or the environment.
Additional information	: Hazardous waste.
Ecology - waste materials	: When not empty dispose of this container at hazardous or special waste collection point.

## SECTION 14: Transport information

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

ADR	IMDG	IATA	ADN	RID
<b>14.1. UN number or ID number</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.2. UN proper shipping name</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.3. Transport hazard class(es)</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.4. Packing group</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.5. Environmental hazards</b>				
Dangerous for the environment: No	Dangerous for the environment: No Marine pollutant: No	Dangerous for the environment: No	Dangerous for the environment: No	Dangerous for the environment: No
No supplementary information available				

### 14.6. Special precautions for user

#### Overland transport

No data available

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### Transport by sea

No data available

### Air transport

No data available

### Inland waterway transport

No data available

### Rail transport

No data available

## 14.7. Maritime transport in bulk according to IMO instruments

Not applicable

## SECTION 15: Regulatory information

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

#### 15.1.1. EU-Regulations

##### EU restriction list (REACH Annex XVII)

Reference code	Applicable on
3(b)	Eurol Petrol Fuel Treat ; Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, aromatics (2-25%) ; Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics ; Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene
3(c)	Eurol Petrol Fuel Treat ; Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)

Contains no substance(s) listed on the REACH Candidate List

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

Contains substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals): Diphenylamine (122-39-4)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

#### 15.1.2. National regulations

No additional information available

### 15.2. Chemical safety assessment

No additional information available

## SECTION 16: Other information

### Full text of H- and EUH-statements:

Acute Tox. 3 (Dermal)	Acute toxicity (dermal), Category 3
Acute Tox. 3 (Inhalation)	Acute toxicity (inhal.), Category 3
Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3
Acute Tox. 4 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 4
Aquatic Acute 1	Hazardous to the aquatic environment – Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment – Chronic Hazard, Category 1
Aquatic Chronic 3	Hazardous to the aquatic environment – Chronic Hazard, Category 3

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Full text of H- and EUH-statements:	
Asp. Tox. 1	Aspiration hazard, Category 1
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
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.
H331	Toxic if inhaled.
H332	Harmful if inhaled.
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.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
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

Safety Data Sheet (SDS), EU

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.