

## SAFETY DATA SHEET

# 5in1 Petrol Detox PRO

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

#### 1.1. Product identifier

##### Trade name

5in1 Petrol Detox PRO

##### Product no.

687109

##### Unique formula identifier (UFI)

GDXC-KY60-310A-7R15

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

##### Relevant identified uses of the substance or mixture

Additive

##### Use descriptors (REACH)

Product category	Description
	Additives to petrol or diesel fuel

##### Uses advised against

None known.

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

##### Company and address

**Maumo International BV**

P.O. Box 441

2990 AK Barendrecht

Nederland

+31 (0)180 699234

+31 (0)180 699235

www.maumo.nl

##### Contact person

Product Safety Department

##### E-mail

info@maumo.nl

##### Revision

03/04/2023

##### SDS Version

1.0

#### 1.4. Emergency telephone number

Contact The National Poisons Information Service (dial 111, 24 h service).

See section 4 "First aid measures".

### SECTION 2: Hazards identification

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

Asp. Tox. 1; H304, May be fatal if swallowed and enters airways.

Classified according to Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.

#### 2.2. Label elements

##### Hazard pictogram(s)



##### Signal word

## Danger

### Hazard statement(s)

May be fatal if swallowed and enters airways. (H304)

### Precautionary statements

#### General

Keep out of reach of children. (P102)

#### Prevention

-

#### Response

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

Do NOT induce vomiting. (P331)

#### Storage

-

#### Disposal

Dispose of contents/container in accordance with local regulation. (P501)

### Hazardous substances

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics

Hydrocarbons, C10-C13, aromatics, >1% naphthalene

### Additional labelling

EUH066, Repeated exposure may cause skin dryness or cracking.

UFI: GDXC-KY60-310A-7R15

## 2.3. Other hazards

### Additional warnings

This product contains a vPvB and/or PBT substance:

Hydrocarbons, C10-C13, aromatics, >1% naphthalene (PBT)

This product does not contain any substances considered to be endocrine disruptors in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable. This product is a mixture.

### 3.2. Mixtures

Product/substance	Identifiers	% w/w	Classification	Note
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics	CAS No.: EC No.: 918-481-9 UK-REACH: Index No.:	80-100%	EUH066 Asp. Tox. 1, H304	
Hydrocarbons, C10-C13, aromatics, >1% naphthalene	CAS No.: EC No.: 926-273-4 UK-REACH: Index No.:	<1%	EUH066 Asp. Tox. 1, H304 Carc. 2, H351 Aquatic Chronic 2, H411	
1,2,4-trimethylbenzene	CAS No.: 95-63-6 EC No.: 202-436-9 UK-REACH: Index No.: 601-043-00-3	<1%	Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Acute Tox. 4, H332 STOT SE 3, H335 Aquatic Chronic 2, H411	[1]
naphthalene	CAS No.: 91-20-3 EC No.: 202-049-5 UK-REACH: Index No.: 601-052-00-2	<0,5%	Flam. Sol. 2, H228 Acute Tox. 4, H302 Carc. 2, H351 Aquatic Acute 1, H400 (M=1) Aquatic Chronic 1, H410 (M=1)	[1]
2-ethylhexan-1-ol	CAS No.: 104-76-7 EC No.: 203-234-3 UK-REACH:	<0,5%	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Acute Tox. 4, H332	[1]

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

	Index No.:		STOT SE 3, H335	
mesitylene;1,3,5-trimethylbenzene	CAS No.: 108-67-8 EC No.: 203-604-4 UK-REACH: Index No.: 601-025-00-5	<0,5%	Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335 Aquatic Chronic 2, H411	[1]
propylbenzene;cumene	CAS No.: 98-82-8 EC No.: 202-704-5 UK-REACH: Index No.: 601-024-00-X	<0,5%	Flam. Liq. 3, H226 Asp. Tox. 1, H304 STOT SE 3, H335 Carc. 2, H351 Aquatic Chronic 2, H411	[1]

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

#### Other information

[1] European occupational exposure limit.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

##### General information

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet.  
Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

##### Inhalation

Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.

##### Skin contact

Remove contaminated clothing and shoes immediately. Ensure to wash exposed skin thoroughly with water and soap. Skin cleanser can be used. DO NOT use solvents or thinners.  
If skin irritation occurs: Get medical advice/attention.

##### Eye contact

Upon irritation of the eye: Remove contact lenses and open eyes widely. Flush eyes with water or saline water (20-30 °C) for at least 5 minutes. Seek medical assistance and continue flushing during transport.

##### Ingestion

IF SWALLOWED: Immediately call a POISON CENTER/doctor.  
Do not induce vomiting! If vomiting occurs, keep head facing down so that vomit does not get into the lungs. Call a doctor or ambulance. Symptoms of chemical pneumonia can appear after several hours. People who have swallowed the product should therefore be kept under medical attention for at least 48 hours.

##### Burns

Not applicable.

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

Headache, Methaemoglobinaemia (naphthalene)

This product contains substances that can cause chemical pneumonia if swallowed. Symptoms of chemical pneumonia may appear after several hours.

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

IF exposed or concerned:

Get immediate medical advice/attention.

#### Information to medics

Bring this safety data sheet or the label from this product.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media: Alcohol-resistant foam, carbon dioxide, powder, water mist.

Unsuitable extinguishing media: Waterjets should not be used, since they can spread the fire.

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

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

If the product is exposed to high temperatures, e.g. in the event of fire, dangerous decomposition compounds are produced. These are:

Carbon oxides (CO / CO<sub>2</sub>)

### 5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact The National Poisons Information Service (dial 111, 24 h service) in order to obtain further advice.

## SECTION 6: Accidental release measures

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

Avoid direct contact with spilled substances.

### 6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc.

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

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

### 6.4. Reference to other sections

See section 13 "Disposal considerations" on handling of waste.

See section 8 "Exposure controls/personal protection" for protective measures.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Avoid direct contact with the product.

Smoking, drinking and consumption of food is not allowed in the work area.

See section 8 "Exposure controls/personal protection" for information on personal protection.

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

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

#### Recommended storage material

No specific requirements

Keep only in original packaging.

#### Storage temperature

Dry, cool and well ventilated

Store out of direct sunlight.

#### Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

### 7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

Hydrocarbons, C<sub>10</sub>-C<sub>13</sub>, n-alkanes, isoalkanes, cyclics, <2% aromatics

Long term exposure limit (8 hours) (ppm): 184

Long term exposure limit (8 hours) (mg/m<sup>3</sup>): 1200

1,2,4-trimethylbenzene

naphthalene

2-ethylhexan-1-ol

Long term exposure limit (8 hours) (ppm): 1

Long term exposure limit (8 hours) (mg/m<sup>3</sup>): 5,4

mesitylene;1,3,5-trimethylbenzene

propylbenzene;cumene

Long term exposure limit (8 hours) (ppm): 25

Long term exposure limit (8 hours) (mg/m<sup>3</sup>): 125  
 Short term exposure limit (15 minutes) (ppm): 50  
 Short term exposure limit (15 minutes) (mg/m<sup>3</sup>): 250  
 Annotations:

Sk = Can be absorbed through the skin and lead to systemic toxicity.

The Control of Substances Hazardous to Health Regulations 2002. SI 2002/2677 The Stationery Office 2002.  
 EH40/2005 Workplace exposure limits (Fourth Edition 2020).

## DNEL

### 1,2,4-trimethylbenzene

Duration:	Route of exposure:	DNEL:
Long term – Systemic effects - General population	Dermal	9512 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	16171 mg/kg bw/day
Long term – Local effects - General population	Inhalation	29.4 mg/m <sup>3</sup>
Long term – Local effects - Workers	Inhalation	100 mg/m <sup>3</sup>
Long term – Systemic effects - General population	Inhalation	29.4 mg/m <sup>3</sup>
Long term – Systemic effects - Workers	Inhalation	100 mg/m <sup>3</sup>
Short term – Local effects - General population	Inhalation	29.4 mg/m <sup>3</sup>
Short term – Local effects - Workers	Inhalation	100 mg/m <sup>3</sup>
Short term – Systemic effects - General population	Inhalation	29.4 mg/m <sup>3</sup>
Short term – Systemic effects - Workers	Inhalation	100 mg/m <sup>3</sup>
Long term – Systemic effects - General population	Oral	15 mg/kg bw/day

### 2-ethylhexan-1-ol

Duration:	Route of exposure:	DNEL:
Long term – Systemic effects - General population	Dermal	11.4 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	23 mg/kg bw/day
Long term – Local effects - General population	Inhalation	26.6 mg/m <sup>3</sup>
Long term – Local effects - Workers	Inhalation	53.2 mg/m <sup>3</sup>
Long term – Systemic effects - General population	Inhalation	2.3 mg/m <sup>3</sup>
Long term – Systemic effects - Workers	Inhalation	12.8 mg/m <sup>3</sup>
Short term – Local effects - General population	Inhalation	26.6 mg/m <sup>3</sup>
Short term – Local effects - Workers	Inhalation	53.2 mg/m <sup>3</sup>
Long term – Systemic effects - General population	Oral	1.1 mg/kg bw/day

### naphthalene

Duration:	Route of exposure:	DNEL:
Long term – Systemic effects - Workers	Dermal	3,57 mg/kgbw/day
Long term – Systemic effects - Workers	Inhalation	25 mg/m <sup>3</sup>

### propylbenzene;cumene

Duration:	Route of exposure:	DNEL:
Long term – Systemic effects - General population	Dermal	1.2 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	15.4 mg/kg bw/day
Long term – Systemic effects - General population	Inhalation	16.6 mg/m <sup>3</sup>
Long term – Systemic effects - Workers	Inhalation	100 mg/m <sup>3</sup>
Short term – Local effects - Workers	Inhalation	250 mg/m <sup>3</sup>
Long term – Systemic effects - General population	Oral	5 mg/kg bw/day

## PNEC

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

1,2,4-trimethylbenzene		
<b>Route of exposure:</b>	<b>Duration of Exposure:</b>	<b>PNEC:</b>
Freshwater		120 µg/L
Freshwater sediment		13.56 mg/kg
Intermittent release (freshwater)		120 µg/L
Marine water		120 µg/L
Marine water sediment		13.56 mg/kg
Sewage treatment plant		2.41 mg/L
Soil		2.34 mg/kg
2-ethylhexan-1-ol		
<b>Route of exposure:</b>	<b>Duration of Exposure:</b>	<b>PNEC:</b>
Freshwater		17 µg/L
Freshwater sediment		284 µg/kg
Intermittent release (freshwater)		170 µg/L
Marine water		1.7 µg/L
Marine water sediment		28.4 µg/kg
Predators		55 mg/kg
Sewage treatment plant		10 mg/L
Soil		47 µg/kg
naphthalene		
<b>Route of exposure:</b>	<b>Duration of Exposure:</b>	<b>PNEC:</b>
Freshwater		0,0024 mg/L
Marine water		0,0024 mg/L

## 8.2. Exposure controls

Compliance with the given occupational exposure limits values should be controlled on a regular basis.

### General recommendations

Smoking, drinking and consumption of food is not allowed in the work area.

### Exposure scenarios

There are no exposure scenarios implemented for this product.

### Exposure limits

Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.

### Appropriate technical measures

The formation of vapours must be kept at a minimum and below current limit values (see above). Installation of a local exhaust system if normal air flow in the work room is not sufficient is recommended. Ensure eyewash and emergency showers are clearly marked.

### Hygiene measures

In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Always wash hands, forearms and face.

### Measures to avoid environmental exposure

Keep damming materials near the workplace. If possible, collect spillage during work.

## Individual protection measures, such as personal protective equipment

### Generally




Use only UKCA marked protective equipment.

### Respiratory Equipment

Type	Class	Colour	Standards
No special when used as intended.			

### Skin protection

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Recommended	Type/Category	Standards	
Dedicated work clothing should be worn.	-	-	
<b>Hand protection</b>			
Material	Glove thickness (mm)	Breakthrough time (min.)	Standards
Nitrile	0,38	> 240	EN374-2, EN374-3, EN388
			
<b>Eye protection</b>			
Type	Standards		
Safety glasses with side shields.	EN166		
			

## SECTION 9: Physical and chemical properties

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

#### Physical state

Liquid

#### Colour

Colourless

#### Odour / Odour threshold

Characteristic

#### pH

Testing not relevant or not possible due to the nature of the product.

#### Density (g/cm<sup>3</sup>)

0.7923

#### Kinematic viscosity

Testing not relevant or not possible due to the nature of the product.

#### Particle characteristics

Not applicable - product is a liquid

#### Phase changes

##### Melting point/Freezing point (°C)

Testing not relevant or not possible due to the nature of the product.

##### Softening point/range (waxes and pastes) (°C)

Does not apply to liquids.

##### Boiling point (°C)

No data available

##### Vapour pressure

No data available

##### Relative vapour density

No data available

##### Decomposition temperature (°C)

No data available

#### Data on fire and explosion hazards

##### Flash point (°C)

>61

##### Flammability (°C)

No data available

##### Auto-ignition temperature (°C)

No data available

##### Lower and upper explosion limit (% v/v)

No data available

#### Solubility

##### Solubility in water

Testing not relevant or not possible due to the nature of the product.

##### n-octanol/water coefficient

Testing not relevant or not possible due to the nature of the product.

##### Solubility in fat (g/L)

Testing not relevant or not possible due to the nature of the product.

#### 9.2. Other information

##### Evaporation rate (n-butylacetate = 100)

No data available

##### Other physical and chemical parameters

No data available.

##### Oxidizing properties

Testing not relevant or not possible due to the nature of the product.

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

No data available.

#### 10.2. Chemical stability

The product is stable under the conditions, noted in section 7 "Handling and storage".

#### 10.3. Possibility of hazardous reactions

None known.

#### 10.4. Conditions to avoid

Do not expose to any forms of heat (e.g. solar radiation). May lead to excess pressure.

#### 10.5. Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

#### 10.6. Hazardous decomposition products

The product is not degraded when used as specified in section 1.

### SECTION 11: Toxicological information

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

##### Acute toxicity

Product/substance	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics
Test method:	OECD 403
Species:	Rat
Route of exposure:	Inhalation
Test:	LC50 (4 hours)
Result:	>5000 mg/m <sup>3</sup>

Product/substance	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics
Test method:	OECD 401
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	>5000 mg/kg

Product/substance	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics
Test method:	OECD 402
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50
Result:	>5000 mg/kg

Product/substance	Hydrocarbons, C10-C13, aromatics, >1% naphthalene
Test method:	OECD 403
Species:	Rat
Route of exposure:	Inhalation



Test:	LC50 (dust)
Result:	>4778 mg/m <sup>3</sup>
Product/substance	Hydrocarbons, C10-C13, aromatics, >1% naphthalene
Test method:	OECD 403
Species:	Rat
Route of exposure:	Inhalation
Test:	LC50
Result:	>4688 mg/m <sup>3</sup>
Product/substance	Hydrocarbons, C10-C13, aromatics, >1% naphthalene
Test method:	OECD 402
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50
Result:	>2000 mg/kg
Product/substance	Hydrocarbons, C10-C13, aromatics, >1% naphthalene
Test method:	OECD 401
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	6318 mg/kg
Product/substance	Hydrocarbons, C10-C13, aromatics, >1% naphthalene
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	7050 mg/kg
Product/substance	1,2,4-trimethylbenzene
Species:	Rat
Route of exposure:	Inhalation
Test:	LC50
Result:	10200 mg/m <sup>3</sup>
Product/substance	1,2,4-trimethylbenzene
Species:	Rat
Route of exposure:	Dermal
Test:	LD50
Result:	>3440 mg/kg
Product/substance	naphthalene
Test method:	OECD 403
Species:	Rat
Route of exposure:	Inhalation
Test:	LC50
Result:	>0,4 mg/L
Product/substance	naphthalene
Test method:	OECD 402
Species:	Rat
Route of exposure:	Dermal
Test:	LD50
Result:	>16000 mg/kg
Product/substance	naphthalene
Test method:	OECD 401
Species:	Mouse
Route of exposure:	Oral
Test:	LD50
Result:	533 mg/kg
Product/substance	mesitylene;1,3,5-trimethylbenzene

Species:	Rat
Route of exposure:	
Test:	LC50
Result:	10,2 mg/L
Product/substance	mesitylene;1,3,5-trimethylbenzene
Species:	Rat
Route of exposure:	Dermal
Test:	LD50
Result:	>3440 mg/kg
Product/substance	mesitylene;1,3,5-trimethylbenzene
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	>5000 mg/kg
Product/substance	propylbenzene;cumene
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50
Result:	>10000 mg/kg
Product/substance	propylbenzene;cumene
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	2260 mg/kg
<b>Skin corrosion/irritation</b>	
Product/substance	1,2,4-trimethylbenzene
Species:	Rabbit
Duration:	
Result:	Adverse effect observed (Irritating)
Product/substance	mesitylene;1,3,5-trimethylbenzene
Species:	Rabbit
Duration:	
Result:	Adverse effect observed (Irritating)
<b>Serious eye damage/irritation</b>	
Product/substance	mesitylene;1,3,5-trimethylbenzene
Test method:	OECD 405
Species:	Rabbit
Duration:	
Result:	Adverse effect observed (Irritating)
<b>Respiratory sensitisation</b>	
Based on available data, the classification criteria are not met.	
<b>Skin sensitisation</b>	
Based on available data, the classification criteria are not met.	
<b>Germ cell mutagenicity</b>	
Based on available data, the classification criteria are not met.	
<b>Carcinogenicity</b>	
Product/substance	naphthalene
Species:	Rat
Route of exposure:	Inhalation
Target organ:	
Duration:	24 months
Test:	NOAEL
Result:	
Conclusion:	Adverse effect observed
Product/substance	propylbenzene;cumene
Test method:	OECD 451

Species:	Rat
Route of exposure:	Inhalation
Target organ:	
Duration:	24 months
Test:	
Result:	
Conclusion:	Adverse effect observed

#### Reproductive toxicity

Based on available data, the classification criteria are not met.

#### STOT-single exposure

Based on available data, the classification criteria are not met.

#### STOT-repeated exposure

Based on available data, the classification criteria are not met.

#### Aspiration hazard

May be fatal if swallowed and enters airways.

#### 11.2. Information on other hazards

##### Long term effects

None known.

##### Endocrine disrupting properties

Not applicable.

##### Other information

naphthalene has been classified by IARC as a group 2B carcinogen.

propylbenzene;cumene has been classified by IARC as a group 2B carcinogen.

## SECTION 12: Ecological information

#### 12.1. Toxicity

Product/substance	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics
Species:	Daphnia, Daphnia magna
Duration:	48 hours
Test:	EL0
Result:	1000 mg/L

Product/substance	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics
Species:	Fish, Oncorhynchus mykiss
Duration:	96 hours
Test:	LL0
Result:	1000 mg/L

Product/substance	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics
Species:	Algae, Pseudokirchneriella subcapitata
Duration:	72 hours
Test:	EL0
Result:	1000 mg/L

Product/substance	Hydrocarbons, C10-C13, aromatics, >1% naphthalene
Species:	Algae, Pseudokirchneriella subcapitata
Duration:	72 hours
Test:	EL50
Result:	>1 mg/L

Product/substance	Hydrocarbons, C10-C13, aromatics, >1% naphthalene
Species:	Daphnia, Daphnia magna
Duration:	48 hours
Test:	EL50
Result:	1,4 mg/L

Product/substance	Hydrocarbons, C10-C13, aromatics, >1% naphthalene
Species:	Fish, Oncorhynchus mykiss
Duration:	96 hours
Test:	LL50

Result:	2-5 mg/L
Product/substance	Hydrocarbons, C10-C13, aromatics, >1% naphthalene
Species:	Daphnia, Daphnia magna
Duration:	21 days
Test:	NOELR
Result:	0,48 mg/L
Product/substance	Hydrocarbons, C10-C13, aromatics, >1% naphthalene
Species:	Algae, Pseudokirchneriella subcapitata
Duration:	72 hours
Test:	NOELR
Result:	1 mg/L
Product/substance	1,2,4-trimethylbenzene
Species:	Daphnia, Daphnia magna
Duration:	48 hours
Test:	LC50
Result:	3,6 mg/L
Product/substance	1,2,4-trimethylbenzene
Species:	Fish, Pimephales promelas
Duration:	96 hours
Test:	LC50
Result:	7,72 mg/L
Product/substance	naphthalene
Species:	Algae, Pseudokirchneriella subcapitata
Duration:	96 hours
Test:	EC50
Result:	2,96 mg/L
Product/substance	naphthalene
Species:	Daphnia, Daphnia magna
Duration:	48 hours
Test:	EC50
Result:	2,16 mg/L
Product/substance	naphthalene
Species:	Fish, Oncorhynchus gorbuscha
Duration:	96 hours
Test:	LC50
Result:	0,96 mg/L
Product/substance	naphthalene
Species:	Daphnia, Daphnia pulex
Duration:	125 days
Test:	NOEC
Result:	0,59 mg/L
Product/substance	naphthalene
Species:	Fish, Oncorhynchus gorbuscha
Duration:	40 days
Test:	NOEC
Result:	0,12 mg/L
Product/substance	mesitylene;1,3,5-trimethylbenzene
Species:	Algae, Desmodesmus subspicatus
Duration:	48 hours
Test:	EL50
Result:	53 mg/L
Product/substance	mesitylene;1,3,5-trimethylbenzene

Species:	Daphnia, Daphnia magna
Duration:	48 hours
Test:	LL50
Result:	6 mg/L
Product/substance	mesitylene;1,3,5-trimethylbenzene
Species:	Fish, Carassius auratus
Duration:	96 hours
Test:	LL50
Result:	12,52 mg/L
Product/substance	mesitylene;1,3,5-trimethylbenzene
Species:	Algae, Desmodesmus subspicatus
Duration:	48 hours
Test:	EL10
Result:	16 mg/L
Product/substance	mesitylene;1,3,5-trimethylbenzene
Species:	Daphnia, Daphnia magna
Duration:	21 days
Test:	NOEC
Result:	0,4 mg/L
Product/substance	propylbenzene;cumene
Species:	Algae, Desmodesmus subspicatus
Duration:	72 hours
Test:	EC50
Result:	2,01 mg/L
Product/substance	propylbenzene;cumene
Species:	Daphnia, Daphnia magna
Duration:	48 hours
Test:	EC50
Result:	2,14 mg/L
Product/substance	propylbenzene;cumene
Species:	Bacteria
Duration:	3 hours
Test:	EL50
Result:	>2000 mg/L
Product/substance	propylbenzene;cumene
Species:	Algae, Desmodesmus subspicatus
Duration:	72 hours
Test:	EC10
Result:	1,35 mg/L
Product/substance	propylbenzene;cumene
Species:	Daphnia, Daphnia magna
Duration:	21 days
Test:	NOEC
Result:	0,35 mg/L
Product/substance	propylbenzene;cumene
Species:	Fish, Danio rerio
Duration:	28 days
Test:	NOEC
Result:	0,38 mg/L
Product/substance	propylbenzene;cumene
Species:	Fish, Pimephales promelas
Duration:	28 days
Test:	NOEC

Result: 0,38 mg/L

## 12.2. Persistence and degradability

Product/substance Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics  
Biodegradable: Yes  
Test method: OECD 301 F  
Result: >60%

Product/substance Hydrocarbons, C10-C13, aromatics, >1% naphthalene  
Biodegradable: Yes  
Test method: OECD 301 F  
Result: 58,6% - 28 days

Product/substance naphthalene  
Biodegradable: No  
Test method:  
Result: 0 to 2 % - Not readily - 28 days

Product/substance mesitylene;1,3,5-trimethylbenzene  
Biodegradable: No  
Test method:  
Result: 42% 28 days

Product/substance propylbenzene;cumene  
Biodegradable: No  
Test method:  
Result: 70% 28 days

## 12.3. Bioaccumulative potential

Product/substance Hydrocarbons, C10-C13, aromatics, >1% naphthalene  
Test method:  
Potential bioaccumulation: Yes  
LogPow: 2,8-6,5  
BCF: 99-5780  
Other information:

Product/substance 1,2,4-trimethylbenzene  
Test method:  
Potential bioaccumulation: No data available.  
LogPow: 3,63  
BCF: 243  
Other information:

Product/substance naphthalene  
Test method:  
Potential bioaccumulation: No data available.  
LogPow: 36.5-168  
BCF: 3,4  
Other information:

Product/substance mesitylene;1,3,5-trimethylbenzene  
Test method:  
Potential bioaccumulation: No data available.  
LogPow: 3,42  
BCF: 161  
Other information:

Product/substance propylbenzene;cumene  
Test method:  
Potential bioaccumulation: No data available.  
LogPow: 3,55  
BCF: 35,48  
Other information:

#### 12.4. Mobility in soil

No data available.

#### 12.5. Results of PBT and vPvB assessment

This product contains a vPvB and/or PBT substance:

Hydrocarbons, C10-C13, aromatics, >1% naphthalene (PBT)

#### 12.6. Endocrine disrupting properties

Not applicable.

#### 12.7. Other adverse effects

None known.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Product is not covered by regulations on dangerous waste.

Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.

#### EWC code

13 07 03\* Other fuels (including mixtures)

#### Specific labelling

Not applicable.

#### Contaminated packing

Packaging containing residues of the product must be disposed of similarly to the product.

### SECTION 14: Transport information

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other information:
ADR	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

\* Packing group

\*\* Environmental hazards

#### Additional information

Not dangerous goods according to ADR, IATA and IMDG.

#### 14.6. Special precautions for user

Not applicable.

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

No data available.

### SECTION 15: Regulatory information

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

##### Restrictions for application

No special.

##### Demands for specific education

No specific requirements.

##### SEVESO - Categories / dangerous substances

Not applicable.

##### Additional information

Tactile warning.

If this product is sold in retail, it must be delivered with child-resistant fastening.

##### Sources

Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.

Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP) as retained and amended in UK law.

Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as retained and amended in UK law.

## 15.2. Chemical safety assessment

No

### SECTION 16: Other information

#### Full text of H-phrases as mentioned in section 3

EUH066, Repeated exposure may cause skin dryness or cracking.  
H226, Flammable liquid and vapour.  
H228, Flammable solid.  
H302, Harmful if swallowed.  
H304, May be fatal if swallowed and enters airways.  
H315, Causes skin irritation.  
H319, Causes serious eye irritation.  
H332, Harmful if inhaled.  
H335, May cause respiratory irritation.  
H351, Suspected of causing cancer.  
H400, Very toxic to aquatic life.  
H410, Very toxic to aquatic life with long lasting effects.  
H411, Toxic to aquatic life with long lasting effects.

#### The full text of identified uses as mentioned in section 1

= Additives to petrol or diesel fuel

#### Abbreviations and acronyms

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway  
ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road  
ATE = Acute Toxicity Estimate  
BCF = Bioconcentration Factor  
CAS = Chemical Abstracts Service  
CE = Conformité Européenne  
CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]  
CSA = Chemical Safety Assessment  
CSR = Chemical Safety Report  
DMEL = Derived Minimal Effect Level  
DNEL = Derived No Effect Level  
EINECS = European Inventory of Existing Commercial chemical Substances  
ES = Exposure Scenario  
EUH statement = CLP-specific Hazard statement  
EWC = European Waste Catalogue  
GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
IARC = International Agency for Research on Cancer (IARC)  
IATA = International Air Transport Association  
IBC = Intermediate Bulk Container  
IMDG = International Maritime Dangerous Goods  
LogPow = logarithm of the octanol/water partition coefficient  
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)  
OECD = Organisation for Economic Co-operation and Development  
PBT = Persistent, Bioaccumulative and Toxic  
PNEC = Predicted No Effect Concentration  
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail  
RRN = REACH Registration Number  
SCL = A specific concentration limit  
SVHC = Substances of Very High Concern  
STOT-RE = Specific Target Organ Toxicity - Repeated Exposure  
STOT-SE = Specific Target Organ Toxicity - Single Exposure  
TWA = Time weighted average  
UN = United Nations  
UVBC = Unknown or variable composition, complex reaction products or of biological materials  
VOC = Volatile Organic Compound  
vPvB = Very Persistent and Very Bioaccumulative

#### Additional information

The classification of the substance/mixture in regard of health hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.



The safety data sheet is validated by

Product Safety Department

Other

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a blue triangle.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

Country-language: GB-en