

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

#### 1.1. Product identifier

Product form : Mixture  
Trade name : GasMaxx

#### 1.2. Other means of identification

No additional information

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

##### 1.3.1. Relevant identified uses

Use of the substance/mixture : Fuel additives

##### 1.3.2. Uses advised against

Restrictions on use : No data available

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

##### Supplier

Awsun Outcomes Inc  
Bay 5, 409 38th Avenue NE  
T2E 6R9 Calgary – Alberta  
Canada  
T 1 587-353-2000; Toll Free:  
1-844-512-4093 [info@awsum.global](mailto:info@awsum.global) -  
[www.awsumoutcomes.com](http://www.awsumoutcomes.com)

##### Importer

Power Up Lubricants NZ Ltd  
41 Hororata Road  
RD2 Darfield, 7572  
Canterbury  
New Zealand  
[www.powerupnz.co.nz](http://www.powerupnz.co.nz)  
+ 64 3 962 9990/0800 33 66 66

#### 1.5. Emergency telephone number

Emergency number : 0800 764 766 (National Poison Centre)

### SECTION 2: Hazards identification

#### 2.1. Classification of the hazardous chemical

##### Classification

Skin corrosion/irritation, Category 2	H315
Serious eye damage/eye irritation, Category 1	H318
Carcinogenicity, Category 2	H351
Aspiration hazard, Category 1	H304
Hazardous to the aquatic environment – Chronic Hazard, Category 2	H411

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

##### Adverse physicochemical, human health and environmental effects

Causes skin irritation. Causes serious eye damage. Suspected of causing cancer. May be fatal if swallowed and enters airways. Toxic to aquatic life with long lasting effects.

#### 2.2. GHS Label elements, including precautionary statements

##### Labelling

Hazard pictograms



Signal word

: Danger

# GasMaxx

## Safety Data Sheet

according to GHS 7 implemented by the Hazardous Substances (Hazard Classification) Notice 2020

Contains	: solvent naphtha (petroleum), heavy arom., naphthalene, cumene, solvent naphtha (petroleum), light arom., monoalkylaryl alkoxyate aminated, 1,2,4-trimethylbenzene, mesitylene
Hazard statements	: H304 - May be fatal if swallowed and enters airways. H315 - Causes skin irritation. H318 - Causes serious eye damage. H351 - Suspected of causing cancer. H411 - Toxic to aquatic life with long lasting effects.
Precautionary statements	: P201 - Obtain special instructions before use. P202 - Do not handle until all safety precautions have been read and understood. P264 - Wash hands thoroughly after handling. P273 - Avoid release to the environment. P280 - Wear protective gloves, protective clothing, eye protection, face protection. P301+P310+P331 - IF SWALLOWED: Immediately call a POISON CENTER, a doctor. Do NOT induce vomiting. P302+P352 - IF ON SKIN: Wash with plenty of water. P332+P313 - If skin irritation occurs: Get medical advice/attention. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 - Immediately call a POISON CENTER, a doctor. P308+P313 - IF exposed or concerned: Get medical advice/attention. P362+P364 - Take off contaminated clothing and wash it before reuse. P391 - Collect spillage. P405 - Store locked up. P501 - Dispose of contents and container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

### 2.3. Other hazards which do not result in classification

No additional information

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Product identifier	%	Classification according to UN GHS
solvent naphtha (petroleum), heavy arom.	CAS-No.: 64742-94-5	≥ 65 – ≤ 85	Asp. Tox. 1, H304
solvent naphtha (petroleum), light arom. (Note P)	CAS-No.: 64742-95-6	8.75 – 11.25	Flam. Liq. 3, H226 STOT SE 3, H336 STOT SE 3, H335 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
monoalkylaryl alkoxyate aminated	CAS-No.: trade secret	8.75 – 11.25	Skin Irrit. 2, H315 Eye Dam. 1, H318
naphthalene	CAS-No.: 91-20-3	≥ 5 – ≤ 10	Carc. 2, H351 Acute Tox. 4 (Oral), H302 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

Name	Product identifier	%	Classification according to UN GHS
1,2,4-trimethylbenzene	CAS-No.: 95-63-6	2.5 – 3.75	Flam. Liq. 3, H226 Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
mesitylene	CAS-No.: 108-67-8	0.638 – 2.5	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
cumene	CAS-No.: 98-82-8	≥ 0.5 – ≤ 2	Flam. Liq. 3, H226 Carc. 2, H351 STOT SE 3, H335 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
1,2,3-trimethylbenzene	CAS-No.: 526-73-8	0.25 – 0.75	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335

Full text of H- statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general	: Call a poison center or a doctor if you feel unwell. Never give anything by mouth to an unconscious person.
First-aid measures after inhalation	: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Give oxygen or artificial respiration if necessary. Call a physician immediately.
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. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse.
First-aid measures after eye contact	: Immediately rinse with water for a prolonged period while holding the eyelids wide open. Remove contact lenses, if present and easy to do. Continue rinsing. Contact ophthalmologist immediately.
First-aid measures after ingestion	: Do NOT induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Rinse mouth out with water. Drink plenty of water.

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

Symptoms/effects after inhalation	: Not expected to present a significant hazard under anticipated conditions of normal use.
Symptoms/effects after skin contact	: Absorbed through the skin. Causes skin irritation. Redness. Itching. Prolonged or repeated contact may cause skin to become dry. Cracking of the skin.
Symptoms/effects after eye contact	: Causes serious eye damage. Redness. Lacrimation. Blurred vision. Can cause blindness.
Symptoms/effects after ingestion	: May cause gastrointestinal irritation, nausea, vomiting and diarrhoea. Abdominal pain. May result in aspiration into the lungs, causing chemical pneumonia.
Chronic symptoms	: Suspected of causing cancer.

### 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

- Suitable extinguishing media : Dry powder. Alcohol-resistant foam. Carbon dioxide. Water spray. Use extinguishing agent suitable for surrounding fire.
- Unsuitable extinguishing media : Do not use a heavy water stream.

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

- Fire hazard : Presents no particular fire or explosion hazard. In case of fire and/or explosion do not breathe fumes.
- Hazardous decomposition products in case of fire : Toxic fumes may be released. Carbon dioxide. Carbon monoxide.

#### 5.3. Advice for firefighters

- Firefighting instructions : Move containers from fire area if it can be done without personal risk. Exercise caution when fighting any chemical fire. Fight fire with normal precautions from a reasonable distance. Use water spray or fog for cooling exposed containers. Prevent fire fighting water from entering the environment. Evacuate the danger area.
- Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Wear fire/flame resistant/retardant clothing.

### SECTION 6: Accidental release measures

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

- General measures : Avoid contact with skin and eyes.

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

- Protective equipment : Wear recommended personal protective equipment.
- Emergency procedures : Evacuate unnecessary personnel. Ventilate spillage area. Avoid breathing vapours, fume. Do not get in eyes, on skin, or on clothing. Do not touch or walk on the spilled product. No action shall be taken without appropriate training or involving any personal risk. Caution : this product can cause the floor to be slippery.

##### 6.1.2. For emergency responders

- Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
- Emergency procedures : Evacuate unnecessary personnel. Avoid breathing (dust, vapor, mist, gas).

#### 6.2. Environmental precautions

Avoid release to the environment. Prevent from entering sewers, basements and workpits, or any place where its accumulation can be dangerous. Notify authorities if product enters sewers or public waters.

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

- For containment : Stop leak without risks if possible. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.
- Methods for cleaning up : Caution : this product can cause the floor to be slippery. Move containers from spill area. Small quantities of liquid spill: take up in non-combustible absorbent material and shovel into container for disposal. For large spills, confine the spill in a dike and charge it with wet sand or earth for subsequent safe disposal. Clean contaminated surfaces with an excess of water. Prevent entry to sewers and public waters.
- Other information : Dispose of via an authorised person/ licensed waste disposal contractor or by other suitable waste treatment techniques.

#### 6.4. Reference to other sections

For further information refer to section 13. For further information refer to section 8: "Exposure controls/personal protection".

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

- Precautions for safe handling : Do not handle until all safety precautions have been read and understood. Take all necessary technical measures to avoid or minimize the release of the product on the workplace. Provide good ventilation in process area to prevent formation of vapour. Provide local exhaust or general room ventilation. Avoid breathing fume, vapours, mist. Wear personal protective equipment. Avoid contact with skin and eyes. Handle and open container with care. Empty containers retain product residue and can be hazardous. Do not re-use container for any purpose.
- Hygiene measures : Do not eat, drink or smoke when using this product. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Always wash hands after handling the product. Wash contaminated clothing before reuse.

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

- Storage conditions : Keep away from food, drink and animal feedingstuffs. Keep only in original container. Keep container tightly closed. Containers which are opened should be properly resealed and kept upright to prevent leakage. do not store in unlabelled containers. Store in accordance with local, regional, national or international regulation.
- Incompatible products : Strong acids. Oxidizing agent.
- Incompatible materials : Direct sunlight.
- Storage area : Store in dry, cool, well-ventilated area.

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

No data available

### SECTION 8: Exposure controls and personal protection

#### 8.1. Control parameters - exposure standards

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

naphthalene (91-20-3)	
NZ - Workplace Exposure Limit (WEL)	
Local name	Naphthalene
TWA [ppm]	0.5 ppm
STEL	2 ppm
Remark (ACGIH)	Carcinogen category 2; skin 2019
cumene (98-82-8)	
NZ - Workplace Exposure Limit (WEL)	
Local name	2-Phenylpropane (Cumene)
TWA [ppm]	25 ppm
STEL	75 ppm
Notes	Skin. 2023

### 8.02 Recommended monitoring procedures

Monitoring methods	
Monitoring methods	Refer to all applicable national, international and local regulations or provisions. Workplace atmospheres. Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy. Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents. Workplace exposure - General requirements for the performance of procedures for the measurement of chemical agents.

### 8.03 Engineering controls

#### Appropriate engineering controls:

Provide local exhaust or general room ventilation. Handle in accordance with good industrial hygiene and safety procedures. Avoid all unnecessary exposure. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

### 8.04 Individual protection measures, such as personal protective equipment (PPE)

#### Personal protective equipment:

Wear recommended personal protective equipment.

#### Eye and face protection

##### Eye protection:

Chemical goggles or safety glasses.

#### Skin protection

##### Skin and body protection:

Wear suitable protective clothing. Skin protection appropriate to the conditions of use should be provided

##### Hand protection:

Chemical resistant gloves (according to European standard EN 374 or equivalent). Please follow the instructions related to the permeability and the penetration time provided by the manufacturer. Selection of protective gloves should be made based on the type of task performed

#### Respiratory protection

##### Respiratory protection:

Where excessive vapour, mist, or dust may result, use approved respiratory protection equipment

#### Thermal hazards

No data available

#### Environmental exposure controls

##### Environmental exposure controls:

Avoid release to the environment. Technical onsite conditions and measures to reduce or limit discharges, air emissions and releases to soil.

## SECTION 9: Physical and chemical properties

Physical state	: Liquid
Colour	: light yellow.
Odour	: Amine-like. aromatic.
Odour threshold	: Not available
Melting point	: Not available
Freezing point	: Not applicable
Boiling point	: Not available
Flammability (solid, gas)	: Not applicable
Explosive limits	: Not applicable
Lower explosion limit	: Not available
Upper explosive limit (UEL)	: Not available
Flash point	: 100 °C (Closed cup)
Auto-ignition temperature	: Not applicable
Decomposition temperature	: Not available
pH	: Not available
Viscosity, kinematic	: 1.5 mm²/s (40 °C)
Solubility	: insoluble in water.

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Log Kow	: Not available
Vapour pressure	: Not available
Vapour pressure at 50 °C	: Not available
Density	: Not available
Relative density	: Not available
Relative vapour density at 20 °C	: Not available
Particle characteristics	: Not applicable

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

#### 10.2. Chemical stability

Stable under normal conditions.

#### 10.3. Possibility of hazardous reactions

Hazardous polymerisation: Will not occur.

#### 10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7). Protect from sunlight.

#### 10.5. Incompatible materials

Oxidizing agent. Strong acids.

#### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

### SECTION 11: Toxicological information

#### 11.1. Toxicity

Acute toxicity (oral)	: Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (dermal)	: Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (inhalation)	: Not classified (Based on available data, the classification criteria are not met)

##### solvent naphtha (petroleum), heavy arom. (64742-94-5)

LD50 Oral rat	> 5000 mg/kg
LD50 Dermal rabbit	> 2000 mg/kg
LC50 Inhalation rat	2 – 20 mg/l

##### naphthalene (91-20-3)

LD50 Oral rat	490 mg/kg
LD50 Dermal rabbit	> 20000 mg/kg

##### cumene (98-82-8)

LD50 Oral rat	2260 mg/kg
LD50 Dermal rabbit	> 10000 mg/kg

##### solvent naphtha (petroleum), light arom. (64742-95-6)

LD50 Oral rat	> 5000 mg/kg (OECD 401, similar substance)
LD50 Dermal rabbit	> 2000 nl/kg (OECD 402, similar substance)
LC50 Inhalation rat (vapours)	> 5.6 mg/l/4h (OECD 403, similar substance)

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<b>monoalkylaryl alkoxyate aminated (trade secret)</b>	
LD50 Oral rat	> 2000 mg/kg (OECD 423)
LD50 Dermal rat	> 3000 mg/kg (similar substance)
<b>1,2,4-trimethylbenzene (95-63-6)</b>	
LD50 Oral rat	6000 mg/kg
LD50 Dermal rat	> 3440 (similar substance)
LC50 Inhalation rat	> 10200 mg/m <sup>3</sup> (4 h, similar substance)
<b>mesitylene (108-67-8)</b>	
LD50 Oral rat	> 5000 mg/kg
LD50 Dermal rat	> 3440 mg/kg (similar substance)
LC50 Inhalation rat (vapours)	> 10.2 mg/l/4h (similar substance)
<b>1,2,3-trimethylbenzene (526-73-8)</b>	
LD50 Oral rat	5000 mg/kg
LC50 Inhalation rat (vapours)	24 mg/l/4h
Skin corrosion/irritation	: Causes skin irritation.
Serious eye damage/irritation	: Causes serious eye damage.
Respiratory or skin sensitisation	: Not classified (Based on available data, the classification criteria are not met)
Germ cell mutagenicity	: Not classified (Based on available data, the classification criteria are not met)
Carcinogenicity	: Suspected of causing cancer.
Reproductive toxicity	: Not classified (Based on available data, the classification criteria are not met)
STOT-single exposure	: Not classified (Based on available data, the classification criteria are not met)
<b>cumene (98-82-8)</b>	
STOT-single exposure	May cause respiratory irritation.
<b>solvent naphtha (petroleum), light arom. (64742-95-6)</b>	
STOT-single exposure	May cause drowsiness or dizziness. May cause respiratory irritation.
<b>1,2,4-trimethylbenzene (95-63-6)</b>	
STOT-single exposure	May cause respiratory irritation.
<b>mesitylene (108-67-8)</b>	
STOT-single exposure	May cause respiratory irritation.
<b>1,2,3-trimethylbenzene (526-73-8)</b>	
STOT-single exposure	May cause respiratory irritation.
STOT-repeated exposure	: Not classified (Based on available data, the classification criteria are not met)
<b>cumene (98-82-8)</b>	
NOAEL (oral, rat, 90 days)	535.8 mg/kg bodyweight/day
NOAEC (inhalation, rat, gas, 90 days)	125 ppmv/6h/day (90 days, OECD 413)
<b>solvent naphtha (petroleum), light arom. (64742-95-6)</b>	
NOAEL (oral, rat, 90 days)	500 mg/kg bodyweight/day (similar substance)
NOAEC (inhalation, rat, vapour, 90 days)	1402 mg/l (109 weeks, OECD 453, similar substance)
<b>1,2,4-trimethylbenzene (95-63-6)</b>	
NOAEL (oral, rat, 90 days)	600 mg/kg bodyweight/day (OECD 408, similar substance)



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<b>1,2,4-trimethylbenzene (95-63-6)</b>	
NOAEC (inhalation, rat, vapour, 90 days)	1800000 mg/l (12 months, OECD 452, similar substance)
<b>mesitylene (108-67-8)</b>	
NOAEL (oral, rat, 90 days)	600 mg/kg bodyweight/day (OECD 408)
NOAEC (inhalation, rat, vapour, 90 days)	1.23 mg/l (3 months, OECD 413, similar substance)
<b>1,2,3-trimethylbenzene (526-73-8)</b>	
LOAEC (inhalation, rat, gas, 90 days)	25 ppmv/6h/day (4 weeks)
NOAEC (inhalation, rat, vapour, 90 days)	123000 mg/l (3 months)
Aspiration hazard	: May be fatal if swallowed and enters airways.
<b>GasMaxx</b>	
Viscosity, kinematic	1.5 mm <sup>2</sup> /s (40 °C)

### Other information

Other information : No experimental study on the product is available. The information given is based on our knowledge of the components and the classification of the product is determined by calculation

## SECTION 12: Ecological information

### 12.1. Ecotoxicity

Hazardous to the aquatic environment, short-term (acute) : Not classified (Based on available data, the classification criteria are not met)

Hazardous to the aquatic environment, long-term (chronic) : Toxic to aquatic life with long lasting effects.

Additional information : No experimental study on the product is available. The information given is based on our knowledge of the components and the classification of the product is determined by calculation.

<b>solvent naphtha (petroleum), heavy arom. (64742-94-5)</b>	
LC50 fish 1	1 – 10 mg/l
EC50 crustacea	1 – 10 mg/l
EC50 72h - Algae [1]	1 – 10 mg/l
<b>naphthalene (91-20-3)</b>	
NOEC chronic fish	1.5 mg/l (60 days, Oreochromis mossambicus, fresh water)
NOEC chronic crustacea	0.5 mg/l (21 days, Uca pugnax, marine water)
<b>cumene (98-82-8)</b>	
LC50 fish 1	4.8 mg/l (96 h, Oncorhynchus mykiss)
EC50 crustacea	2.14 mg/l (48 h, Daphnia magna)
EC50 other aquatic organisms 1	> 2000 mg/l (3 h, micro-organism)
EC50 72h - Algae [1]	2.01 mg/l (72 h, Desmodesmus subspicatus)
NOEC chronic fish	0.38 mg/l (28 days, Danio rerio/Pimephales promelas, QSAR)
NOEC chronic crustacea	0.35 mg/l (21 days, Daphnia magna, QSAR)
NOEC chronic algae	1.35 mg/l (72 h, Desmodesmus subspicatus)
<b>solvent naphtha (petroleum), light arom. (64742-95-6)</b>	
LC50 fish 1	8.2 mg/l (96 h, Pimephales promelas, similar substance)

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solvent naphtha (petroleum), light arom. (64742-95-6)	
EC50 crustacea	4.5 mg/l (48 h, Daphnia magna, similar substance)
EC50 72h - Algae [1]	3.1 mg/l (72 h, Pseudokirchneriella subcapitata)
NOEC chronic fish	2.6 mg/l (14 days, Pimephales promelas, similar substance)
NOEC chronic crustacea	0.4 mg/l (21 days, Daphnia magna, similar substance)
NOEC chronic algae	0.5 mg/l (72 h, Pseudokirchneriella subcapitata)

monoalkylaryl alkoxyate aminated (trade secret)	
EC50 72h - Algae [1]	3.5 mg/l (72 h, Pseudokirchneriella subcapitata)
NOEC chronic algae	1 mg/l (72 h, Pseudokirchneriella subcapitata)

1,2,4-trimethylbenzene (95-63-6)	
LC50 fish 1	7.72 mg/l (96 h, Pimephales promelas)
EC50 crustacea	3.6 mg/l (48 h, Daphnia magna)

mesitylene (108-67-8)	
LC50 fish 1	12.52 mg/l (96 h, Carassius auratus)
EC50 crustacea	6 mg/l (48 h, Daphnia magna)
EC50 72h - Algae [1]	53 mg/l (48 h, Desmodesmus subspicatus)
NOEC chronic crustacea	0.4 mg/l (21 days, Daphnia magna)
NOEC chronic algae	16 mg/l (48 h, Desmodesmus subspicatus)

1,2,3-trimethylbenzene (526-73-8)	
LC50 fish 1	7.8 mg/l (96 h, Oryzias latipes)
EC50 crustacea	2.7 mg/l (48 h, Daphnia magna)
EC50 72h - Algae [1]	4.4 mg/l (72 h, Pseudokirchneriella subcapitata)
NOEC chronic algae	1.9 (72 h, Pseudokirchneriella subcapitata)

### 12.2. Persistence and degradability

GasMaxx	
Persistence and degradability	Biodegradability in water: no data available.

solvent naphtha (petroleum), heavy arom. (64742-94-5)	
Persistence and degradability	Readily biodegradable.

cumene (98-82-8)	
Biodegradation	70 % (20 days)

mesitylene (108-67-8)	
Biodegradation	42 % (28 days)

1,2,3-trimethylbenzene (526-73-8)	
Biodegradation	42 % (28 days, similar substance)

### 12.3. Bioaccumulative potential

GasMaxx	
Bioaccumulative potential	No data available concerning bioaccumulation.

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<b>solvent naphtha (petroleum), heavy arom. (64742-94-5)</b>	
Bioaccumulative potential	Bioaccumulation potential.
<b>cumene (98-82-8)</b>	
BCF fish 1	35.48
Log Pow	3.55
<b>solvent naphtha (petroleum), light arom. (64742-95-6)</b>	
BCF fish 1	10 – 2500
<b>1,2,4-trimethylbenzene (95-63-6)</b>	
BCF fish 1	243
Log Pow	3.63
<b>mesitylene (108-67-8)</b>	
BCF fish 1	161
Log Pow	3.42
<b>1,2,3-trimethylbenzene (526-73-8)</b>	
BCF fish 1	194.98
Log Pow	3.66

### 12.4. Mobility in soil

<b>GasMaxx</b>	
Ecology - soil	Adsorbs into the soil.

### 12.5. Other adverse effects

Other adverse effects : No other effects known

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions. Disposal must be carried out using appropriate EWC code.

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. Do not dispose of the packaging without first carrying out the necessary cleaning.

Ecology - waste materials : Avoid release to the environment.

## SECTION 14: Transport information

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

### 14.1. UN number or ID number

UN-No. (ADR) : UN 3082

UN-No. (IMDG) : UN 3082

UN-No. (IATA) : UN 3082

UN-No. (ADN) : UN 3082

UN-No. (RID) : UN 3082

### 14.2. UN proper shipping name

Proper Shipping Name (ADR) : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (solvent naphtha (petroleum), light arom.; naphthalene)

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Proper Shipping Name (IMDG)	: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (solvent naphtha (petroleum), light arom.; naphthalene)
Proper Shipping Name (IATA)	: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (solvent naphtha (petroleum), light arom.; naphthalene)
Proper Shipping Name (ADN)	: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (solvent naphtha (petroleum), light arom.; naphthalene)
Proper Shipping Name (RID)	: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (solvent naphtha (petroleum), light arom.; naphthalene)
Transport document description (ADR)	: UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (solvent naphtha (petroleum), light arom.; naphthalene), 9, III, (-)
Transport document description (IMDG)	: UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (solvent naphtha (petroleum), light arom.; naphthalene), 9, III, MARINE POLLUTANT
Transport document description (IATA)	: UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (solvent naphtha (petroleum), light arom.; naphthalene), 9, III
Transport document description (ADN)	: UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (solvent naphtha (petroleum), light arom.; naphthalene), 9, III
Transport document description (RID)	: UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (solvent naphtha (petroleum), light arom.; naphthalene), 9, III

### 14.3. Transport hazard class(es)

#### ADR

Transport hazard class(es) (ADR)

Danger labels (ADR)

: 9  
: 9  
:



#### IMDG

Transport hazard class(es) (IMDG)

Danger labels (IMDG)

: 9  
: 9  
:



#### IATA

Transport hazard class(es) (IATA)

Danger labels (IATA)

: 9  
: 9  
:



#### ADN

Transport hazard class(es) (ADN)

Danger labels (ADN)

: 9  
: 9  
:



#### RID

Transport hazard class(es) (RID)

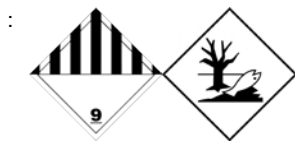
Danger labels (RID)

: 9  
: 9

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### 14.4. Packing group


Packing group (ADR)	: III
Packing group (IMDG)	: III
Packing group (IATA)	: III
Packing group (ADN)	: III
Packing group (RID)	: III

### 14.5. Environmental hazards

Dangerous for the environment	: Yes
Marine pollutant	: Yes
Other information	: No supplementary information available

### 14.6. Special precautions for user

#### Transport by Road and Rail

Classification code	: M6
Special provisions	: 274, 335, 375, 601
Limited quantities	: 5I
Excepted quantities	: E1
Packing instructions	: P001, IBC03, LP01, R001
Special packing provisions	: PP1
Mixed packing provisions	: MP19
Portable tank and bulk container instructions	: T4
Portable tank and bulk container special provisions	: TP1, TP29
Tank code (ADR)	: LGBV
Vehicle for tank carriage	: AT
Transport category	: 3
Special provisions for carriage - Packages (ADR)	: V12
Special provisions for carriage - Packages (RID)	: W12
Special provisions for carriage - Loading, unloading and handling (ADR)	: CV13
Special provisions for carriage - Loading, unloading and handling (RID)	: CW13, CW31
Hazard identification number (Kemler No.)	: 90
Orange plates	: 

Tunnel restriction code (ADR)	: -
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#### Transport by sea

Special provisions (IMDG)	: 274, 335, 969
Limited quantities (IMDG)	: 5 L
Excepted quantities (IMDG)	: E1
Packing instructions (IMDG)	: LP01, P001
Special packing provisions (IMDG)	: PP1
IBC packing instructions (IMDG)	: IBC03
Tank instructions (IMDG)	: T4
Tank special provisions (IMDG)	: TP1, TP29
EmS-No. (Fire)	: F-A
EmS-No. (Spillage)	: S-F
Stowage category (IMDG)	: A

#### Air transport

PCA Excepted quantities (IATA)	: E1
PCA Limited quantities (IATA)	: Y964

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PCA limited quantity max net quantity (IATA)	: 30kgG
PCA packing instructions (IATA)	: 964
PCA max net quantity (IATA)	: 450L
CAO packing instructions (IATA)	: 964
CAO max net quantity (IATA)	: 450L
Special provisions (IATA)	: A97, A158, A197, A215
ERG code (IATA)	: 9L

### 14.7. Transport in bulk according to IMO instruments

Not applicable

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations specific for the product in question

Substance	Identifier	HSNO Approval Number
solvent naphtha (petroleum), heavy arom.	CAS-No.: 64742-94-5	HSR002585
solvent naphtha (petroleum), light arom.	CAS-No.: 64742-95-6	HSR002586
monoalkylaryl alkoxylate aminated	CAS-No.: trade secret	HSR002585
naphthalene	CAS-No.: 91-20-3	HSR001287
1,2,4-trimethylbenzene	CAS-No.: 95-63-6	HSR001382
mesitylene	CAS-No.: 108-67-8	HSR001229
cumene	CAS-No.: 98-82-8	HSR001184
1,2,3-trimethylbenzene	CAS-No.: 526-73-8	HSR002586

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

## SECTION 16: Other information

### Abbreviations and acronyms:

ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
BLV	Biological limit value
CAS-No.	Chemical Abstract Service number
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC50	Median effective concentration
EC-No.	European Community number
EN	European Standard
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration

Abbreviations and acronyms:	
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
OEL	Occupational Exposure Limit
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
vPvB	Very Persistent and Very Bioaccumulative
WGK	Water Hazard Class

Data sources	: ECHA (European Chemicals Agency). 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, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006. Supplier's safety documents.
Training advice	: Training staff on good practice.
Other information	: SDS prepared by. H2 Compliance.

Full text of H- and EUH-statements:	
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), 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 2	Hazardous to the aquatic environment – Chronic Hazard, Category 2
Asp. Tox. 1	Aspiration hazard, Category 1
Carc. 1A	Carcinogenicity, Category 1A
Carc. 2	Carcinogenicity, Category 2
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 2	Flammable liquids, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.

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

H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H340	May cause genetic defects.
H350	May cause cancer.
H351	Suspected of causing cancer.
H372	Causes damage to organs through prolonged or repeated exposure.
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.
Muta. 1B	Germ cell mutagenicity, Category 1B
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT RE 1	Specific target organ toxicity – Repeated exposure, Category 1
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation

### Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Skin Irrit. 2	H315	Calculation method
Eye Dam. 1	H318	Calculation method
Carc. 2	H351	Calculation method
Asp. Tox. 1	H304	Calculation method
Aquatic Chronic 2	H411	Calculation method

Safety Data Sheet (SDS), NZ

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.