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

1.1. Product identifier
Product form : Mixture
Product name : Diesel Pre-Emission Test Treatment
Product code : W31964

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

1.2.1. Relevant identified uses
Use of the substance/mixture : Diesel fuel additive

1.2.2. Uses advised against
No additional information available

1.3. Details of the supplier of the safety data sheet
Wynn's Belgium
Industriepark-West 46
9100 Sint-Niklaas - Belgium
T +32 3 766 60 20 - F +32 3 778 16 56
msds@wynns.eu - www.wynns.be

1.4. Emergency telephone number
Emergency number : BIG: +32(0)14/58.45.45 (NL FR EN DE)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture
Classification according to Regulation (EC) No. 1272/2008 [CLP]
Asp. Tox. 1 H304
Aquatic Chronic 3 H412

Full text of H statements : see section 16

Adverse physicochemical, human health and environmental effects
No additional information available

2.2. Label elements
Labelling according to Regulation (EC) No. 1272/2008 [CLP]
Hazard pictograms (CLP) : GHS08

Signal word (CLP) : Danger
Hazardous ingredients : distillates (Fischer-Tropsch), C8-26, branched and linear
Hazard statements (CLP) : H304 - May be fatal if swallowed and enters airways.
H412 - Harmful to aquatic life with long lasting effects.
EUH-statements : EUH066 - Repeated exposure may cause skin dryness or cracking.
Precautionary statements (CLP) : P102 - Keep out of reach of children.
P405 - Store locked up.
P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER, a doctor.
P331 - Do NOT induce vomiting.
P273 - Avoid release to the environment.

2.3. Other hazards
No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substances
Not applicable
3.2. Mixtures

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>% w</th>
<th>Classification according to Regulation (EC) No. 1272/2008 [CLP]</th>
</tr>
</thead>
<tbody>
<tr>
<td>distillates (Fischer-Tropsch), C8-26, branched and linear</td>
<td>(CAS-No.) 848301-67-7  (EC-No.) 481-740-5  (REACH-no) 01-0000020119-75</td>
<td>&gt;= 90</td>
<td>Asp. Tox. 1, H304</td>
</tr>
<tr>
<td>Hydrocarbons, C10, aromatics, &lt;1% naphthalene</td>
<td>(EC-No.) 918-811-1  (REACH-no) 01-2119463583-34</td>
<td>1 - 2,5</td>
<td>Acute Tox. 4  STOT SE 3, H336  Asp. Tox. 1, H304  Aquatic Chronic 2, H411</td>
</tr>
<tr>
<td>2-ethylhexan-1-ol</td>
<td>(CAS-No.) 104-76-7  (EC-No.) 203-234-3  (REACH-no) 01-2119487289-20</td>
<td>0,1 - 1</td>
<td>Acute Tox. 4  (Inhalation: dust, mist), H332  Skin Irrit. 2, H315  Eye Irrit. 2, H319  STOT SE 3, H335</td>
</tr>
<tr>
<td>Naphthalene</td>
<td>(CAS-No.) 91-20-3  (EC-No.) 202-049-5  (EC Index-No.) 601-052-00-2  (REACH-no) 01-2119561346-37</td>
<td>0,1 - 1</td>
<td>Acute Tox. 4 (Oral), H302  Carc. 2, H351  Aquatic Acute 1, H400  Aquatic Chronic 1, H410</td>
</tr>
</tbody>
</table>

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures


First-aid measures after inhalation: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.

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 or rash occurs: Get medical advice/attention.

First-aid measures after eye contact: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

First-aid measures after ingestion: Rinse mouth. Do NOT induce vomiting. Call a POISON CENTER/doctor if you feel unwell. Ingestion of large quantities: immediately to hospital.

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

No additional information available

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

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: Water spray. AFFF foam. ABC-powder.

5.2. Special hazards arising from the substance or mixture

Fire hazard: Combustible liquid. Take precautionary measures against static discharges.

Explosion hazard: Product is not explosive.

5.3. Advice for firefighters

Firefighting instructions: Prevent fire fighting water from entering the environment. Protection during firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures: Use special care to avoid static electric charges. No open flames. No smoking.

6.1.1. For non-emergency personnel

Protective equipment: Wear suitable gloves and eye/face protection. protective clothing.
Diesel Pre-Emission Test Treatment  
Safety Data Sheet  
according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Emergency procedures:  
Mark the danger area. Prevent flow to low areas. In confined space use self-contained breathing apparatus. Take off contaminated clothing.

6.1.2. For emergency responders  
Protective equipment:  
Equip cleanup crew with proper protection.

6.2. Environmental precautions  
Prevent entry to sewers and public waters. Avoid release to the environment.

6.3. Methods and material for containment and cleaning up  
For containment:  
Collect spillage. Contain leaking substance, pump over in suitable containers.

Methods for cleaning up:  
Small quantities of liquid spill: take up in non-combustible absorbent material and shovel into container for disposal. Clean preferably with a detergent - Avoid the use of solvents.

6.4. Reference to other sections  
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:  
Meet the legal requirements. Repeated exposure may cause skin dryness or cracking. Presents no particular risk when handled in accordance with good occupational hygiene practice.

Hygiene measures:  
Use good personal hygiene practices. IF ON SKIN: Wash with plenty of water/... Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities  
Technical measures:  
Does not require any specific or particular technical measures.

Storage conditions:  
Meet the legal requirements. Protect from sunlight. Store in a well-ventilated place.

Storage area:  
Meet the legal requirements. Ventilation along the floor.

Special rules on packaging:  
Meet the legal requirements. Store in a closed container. Labelling according to.

7.3. Specific end use(s)  
See product bulletin for detailed information.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters  

Hydrocarbons, C10, aromatics, <1% naphthalene

<table>
<thead>
<tr>
<th></th>
<th>Limit value (mg/m³)</th>
<th>200 mg/m³</th>
</tr>
</thead>
<tbody>
<tr>
<td>Belgium</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2-ethylhexan-1-ol (104-76-7)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EU</td>
<td>IOELV TWA (mg/m³)</td>
<td></td>
</tr>
<tr>
<td>EU</td>
<td>IOELV TWA (ppm)</td>
<td></td>
</tr>
<tr>
<td>Germany</td>
<td>TRGS 900 Occupational exposure limit value (mg/m³)</td>
<td>110 mg/m³</td>
</tr>
<tr>
<td>Germany</td>
<td>TRGS 900 Occupational exposure limit value (ppm)</td>
<td>20 ppm</td>
</tr>
</tbody>
</table>

Naphthalene (91-20-3)

<table>
<thead>
<tr>
<th></th>
<th>Limit value (mg/m³)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>EU</td>
<td>IOELV TWA (mg/m³)</td>
<td></td>
</tr>
<tr>
<td>EU</td>
<td>IOELV TWA (ppm)</td>
<td></td>
</tr>
<tr>
<td>Belgium</td>
<td>Limit value (mg/m³)</td>
<td></td>
</tr>
<tr>
<td>Belgium</td>
<td>Limit value (ppm)</td>
<td></td>
</tr>
<tr>
<td>Belgium</td>
<td>Short time value (mg/m³)</td>
<td>80 mg/m³</td>
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<tr>
<td>Belgium</td>
<td>Short time value (ppm)</td>
<td>15 ppm</td>
</tr>
<tr>
<td>Belgium</td>
<td>Remark (BE)</td>
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<tr>
<td>Hungary</td>
<td>AK-érték</td>
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</tr>
</tbody>
</table>

distillates (Fischer-Tropsch), C8-26, branched and linear (848301-67-7)

<table>
<thead>
<tr>
<th></th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>PNEC (Sediment)</td>
<td></td>
</tr>
<tr>
<td>PNEC sediment (freshwater)</td>
<td>2,06 mg/kg dwt</td>
</tr>
<tr>
<td>PNEC (Soil)</td>
<td></td>
</tr>
<tr>
<td>PNEC soil</td>
<td>1,68 mg/kg dwt</td>
</tr>
<tr>
<td>PNEC (STP)</td>
<td></td>
</tr>
</tbody>
</table>
distillates (Fischer-Tropsch), C8-26, branched and linear (848301-67-7)
PNEC sewage treatment plant 10 mg/l

**Hydrocarbons, C10, aromatics, <1% naphthalene**

**DNEL/DMEL (Workers)**
- Long-term - systemic effects, dermal 12,5 mg/kg bodyweight/day
- Long-term - systemic effects, inhalation 151 mg/m³
- Long-term - systemic effects,oral 7,5 mg/kg bodyweight/day
- Long-term - systemic effects, inhalation 32 mg/m³
- Long-term - systemic effects, dermal 7,5 mg/kg bodyweight/day

**2-ethylhexan-1-ol (104-76-7)**

**DNEL/DMEL (Workers)**
- Acute - local effects, inhalation 53,2 mg/m³
- Long-term - systemic effects, dermal 23 mg/kg bodyweight/day
- Long-term - systemic effects, inhalation 12,8 mg/m³
- Long-term - local effects, inhalation 53,2 mg/m³
- DNEL/DMEL (General population)
- Long-term - systemic effects, dermal 23 mg/kg bodyweight/day
- Long-term - local effects, inhalation 23 mg/kg bodyweight/day
- Long-term - systemic effects, inhalation 12,8 mg/m³
- Long-term - local effects, inhalation 12,8 mg/m³
- PNEC (Water)
  - PNEC aqua (freshwater) 0,017 mg/l
  - PNEC aqua (marine water) 0,0017 mg/l
- PNEC (Sediment)
  - PNEC sediment (freshwater) 0,284 mg/kg dwt
  - PNEC sediment (marine water) 0,0284 mg/kg dwt
- PNEC (Soil)
  - PNEC soil 0,047 mg/kg dwt
- PNEC (STP)
  - PNEC sewage treatment plant 10 mg/l

**Naphthalene (91-20-3)**

**DNEL/DMEL (Workers)**
- Long-term - systemic effects, dermal 3,57 mg/kg bodyweight/day
- Long-term - systemic effects, inhalation 25 mg/m³
- Long-term - local effects, inhalation 25 mg/m³
- PNEC (STP)
  - PNEC sewage treatment plant 2,9 mg/l

### 8.2. Exposure controls

**Appropriate engineering controls:**
Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Does not require any specific or particular technical measures.

**Personal protective equipment:**
Gloves. Safety glasses.

**Hand protection:**
Neoprene. Nitrile rubber. Choosing the proper glove is a decision that depends not only on the type of material, but also on other quality features, which differ for each manufacturer. Time of penetration is to be checked with the glove producer.

**Other information:**
Breakthrough time: >30’. Thickness of the glove material >0,1 mm.

### SECTION 9: Physical and chemical properties

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

**Physical state:** Liquid
### Colour
brown.

### Odour
characteristic.

### Odour threshold
No data available

### pH
No data available

### Relative evaporation rate (butylacetate=1)
No data available

### Refraction index
1,437

### Melting point
No data available

### Freezing point
No data available

### Boiling point
No data available

### Flash point
71 °C

### Auto-ignition temperature
No data available

### Decomposition temperature
No data available

### Flammability (solid, gas)
No data available

### Vapour pressure
No data available

### Relative vapour density at 20 °C
No data available

### Relative density
No data available

### Density @20°C
780,5 kg/m³

### Solubility
No data available

### Log Pow
No data available

### Log Kow
No data available

### Viscosity, kinematic @40°C
2,71 mm²/s

### Viscosity, dynamic @40°C
No data available

### Viscosity
No data available

### Viscosity Index
No data available

### Explosive properties
No data available

### Oxidising properties
No data available

### Explosive limits
No data available

### 9.2. Other information
98,07 %

Additional information: The physical and chemical data in this section are typical values for this product and are not intended as product specifications.

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity
No additional information available

#### 10.2. Chemical stability
Stable under normal conditions.

#### 10.3. Possibility of hazardous reactions
No additional information available

#### 10.4. Conditions to avoid
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep away from strong acids and strong oxidizers.

#### 10.5. Incompatible materials
No additional information available

#### 10.6. Hazardous decomposition products
No additional information available

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Acute toxicity: Harmful: may cause lung damage if swallowed

**distillates (Fischer-Tropsch), C8-26, branched and linear (848301-67-7)**

LD50 oral rat: > 5000 mg/kg bodyweight Sprague-Dawley
Diesel Pre-Emission Test Treatment
Safety Data Sheet
according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

**distillates (Fischer-Tropsch), C8-26, branched and linear (848301-67-7)**

| LD50 dermal rat | > 2000 mg/kg bodyweight Sprague-Dawley |

**Hydrocarbons, C10, aromatics, <1% naphthalene**

| LD50 oral rat | 6318 mg/kg bodyweight Crl:CDBR |
| LD50 dermal rabbit | > 2000 mg/kg bodyweight New Zealand White |
| LC50 inhalation rat (mg/l) | > 4,688 mg/l/4h Sprague-Dawley |
| ATE CLP (oral) | 6318 mg/kg bodyweight |

**2-ethylhexan-1-ol (104-76-7)**

| LD50 oral rat | 3290 mg/kg |
| LD50 dermal rabbit | > 3000 mg/kg |
| LC50 inhalation rat (mg/l) | 1,1 mg/l/4h |
| ATE CLP (oral) | 3290 mg/kg bodyweight |
| ATE CLP (dermal) | 3000 mg/kg bodyweight |
| ATE CLP (vapours) | 1,1 mg/l/4h |
| ATE CLP (dust,mist) | 1,1 mg/l/4h |

**Naphthalene (91-20-3)**

| LD50 oral rat | > 2000 mg/kg bodyweight Sprague-Dawley |
| LD50 dermal rat | > 2500 mg/kg bodyweight Sherman |
| ATE CLP (oral) | 500 mg/kg bodyweight |

**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**

: Not classified

**Aspiration hazard**

: May be fatal if swallowed and enters airways.

### SECTION 12: Ecological information

#### 12.1. Toxicity

**Ecology - general**

: This product contains hazardous components for the aquatic environment.

**Ecology - water**

: Harmful to aquatic life with long lasting effects.

| **distillates (Fischer-Tropsch), C8-26, branched and linear (848301-67-7)** |
| LC50 fish 1 | > 1000 mg/l @96h Pimephales promelas |
| EC50 Daphnia 1 | > 1000 mg/l @48h Daphnia magna |
| EC50 other aquatic organisms 1 | > 1000 mg/l @72h Pseudokirchneriella subcapitata |
| NOEC (acute) | > 1000 mg/l @48h Daphnia magna |

**Hydrocarbons, C10, aromatics, <1% naphthalene**

| LC50 fish 1 | 96h 2 - 5 mg/l Oncorhynchus mykiss |
| EC50 Daphnia 1 | 48h 10 mg/l Daphnia magna |
| EC50 other aquatic organisms 1 | 72h 1 - 3 mg/l Pseudokirchneriella subcapitata |

**2-ethylhexan-1-ol (104-76-7)**

| LC50 fish 1 | 96h 28,2 mg/l pimephales promelas |
| EC50 Daphnia 1 | 48h 39 mg/l daphnia magna |
| EC50 other aquatic organisms 1 | 72h 11,5 mg/l algae (desmodesmus subspicatus) |

**Naphthalene (91-20-3)**

| LC50 fish 1 | 96h 1,6 mg/l Oncorhynchus mykiss |
| EC50 Daphnia 1 | 48h 2,16 mg/l Daphnia magna |

#### 12.2. Persistence and degradability

**distillates (Fischer-Tropsch), C8-26, branched and linear (848301-67-7)**

Persistence and degradability

: Readily biodegradable.
Diesel Pre-Emission Test Treatment
Safety Data Sheet
according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

2-ethylhexan-1-ol (104-76-7)
Persistence and degradability
Readily biodegradable.

12.3. Bioaccumulative potential
distillates (Fischer-Tropsch), C8-26, branched and linear (848301-67-7)
Log Pow
> 6,5 @40°C
2-ethylhexan-1-ol (104-76-7)
Bioaccumulative potential
No bioaccumulation.

12.4. Mobility in soil
No additional information available

12.5. Results of PBT and vPvB assessment
2-ethylhexan-1-ol (104-76-7)
This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII
This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

12.6. Other adverse effects
No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods
Product/Packaging disposal recommendations: Dispose in a safe manner in accordance with local/national regulations. Remove to an authorized waste treatment plant. Avoid release to the environment.
European List of Waste (LoW) code:
14 06 03* - other solvents and solvent mixtures
15 01 10* - packaging containing residues of or contaminated by dangerous substances

SECTION 14: Transport information

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

14.1. UN number
Not regulated for transport

14.2. UN proper shipping name
Not applicable

14.3. Transport hazard class(es)
Not applicable

14.4. Packing group
Not applicable

14.5. Environmental hazards
Other information: No supplementary information available.

14.6. Special precautions for user

14.6.1. Overland transport
No additional information available

14.6.2. Transport by sea
No additional information available

14.6.3. Air transport
No additional information available

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code
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
Contains no REACH substances with Annex XVII restrictions
Contains no substance on the REACH candidate list ≥ 0,1 % / SCL
Contains no REACH Annex XIV substances
VOC content : 98,07 %

15.1.2. National regulations
Water hazard class (WGK) : 2 - Significantly hazardous to water

15.2. Chemical safety assessment
No additional information available

SECTION 16: Other information

Full text of H- and EUH-statements:

Acute Tox. 4 (Inhalation:dust,mist) Acute toxicity (inhalation:dust,mist) 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
Aquatic Chronic 3 Hazardous to the aquatic environment — Chronic Hazard, Category 3
Asp. Tox. 1 Aspiration hazard, Category 1
Carc. 2 Carcinogenicity, Category 2
Eye Irrit. 2 Serious eye damage/eye irritation, Category 2
Skin Irrit. 2 Skin corrosion/irritation, Category 2
STOT SE 3 Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
STOT SE 3 Specific target organ toxicity — Single exposure, Category 3, Narcosis
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.
H336 May cause drowsiness or dizziness.
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.
H412 Harmful to aquatic life with long lasting effects.
EUH066 Repeated exposure may cause skin dryness or cracking.

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 therefore not be construed as guaranteeing any specific property of the product.