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

1.1. Product identifier
Product form: Mixture
Product name: Diesel EGR 3 (Aerosol)
Product code: W23379

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: Maintenance product

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

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture
Classification according to Regulation (EC) No. 1272/2008 [CLP]
Aerosol 1 H222;H229
Eye Irrit. 2 H319
STOT SE 3 H335
STOT SE 3 H336
Aquatic Chronic 2 H411

Full text of H-statements: see section 16

Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]
F+; R12
Xi; R37
N; R51/53
R66
R67

Full text of R-phrases: 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):
GHS02
GHS07
GHS09

Signal word (CLP): Danger

Hazard statements (CLP):
H222 - Extremely flammable aerosol
H229 - Pressurised container: May burst if heated
H319 - Causes serious eye irritation
H335 - May cause respiratory irritation
H336 - May cause drowsiness or dizziness
H411 - Toxic to aquatic life with long lasting effects
**EUH-statements**
: EUH066 - Repeated exposure may cause skin dryness or cracking

**Precautionary statements (CLP)**
: P261 - Avoid breathing vapours, spray
P280 - Wear eye protection
P271 - Use only outdoors or in a well-ventilated area
P102 - Keep out of reach of children
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking
P211 - Do not spray on an open flame or other ignition source
P251 - Do not pierce or burn, even after use
P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F

### 2.3. Other hazards
No additional information available

### SECTION 3: Composition/information on ingredients

#### 3.1. Substance
Not applicable

#### 3.2. Mixture

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>% w</th>
<th>Classification according to Directive 67/548/EEC</th>
</tr>
</thead>
<tbody>
<tr>
<td>hydrocarbons, C9, aromatics</td>
<td>(EC no) 918-668-5</td>
<td>25 - 50</td>
<td>R10; Xi; R37; N; R51/53; Xn; R65; R66; R67</td>
</tr>
<tr>
<td></td>
<td>(REACH-no) 01-2119455851-35</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Butane n-</td>
<td>(CAS No) 106-97-8</td>
<td>10 - 25</td>
<td>F+; R12</td>
</tr>
<tr>
<td></td>
<td>(EC no) 203-448-7</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(EC index no) 601-004-00-0</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(REACH-no) 01-2119474691-32</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Propane</td>
<td>(CAS No) 74-98-6</td>
<td>10 - 25</td>
<td>F+; R12</td>
</tr>
<tr>
<td></td>
<td>(EC no) 200-827-9</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(EC index no) 601-003-00-5</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(REACH-no) 01-2119486944-21</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2-butoxyethanol</td>
<td>(CAS No) 111-76-2</td>
<td>5 - 10</td>
<td>Xn; R20/21/22; Xi; R36/38</td>
</tr>
<tr>
<td></td>
<td>(EC no) 203-905-0</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(EC index no) 603-014-00-0</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(REACH-no) 01-2119475108-36</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acetone</td>
<td>(CAS No) 67-64-1</td>
<td>5 - 10</td>
<td>F; R11; Xi; R36; R66; R67</td>
</tr>
<tr>
<td></td>
<td>(EC no) 200-662-2</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(EC index no) 606-001-00-8</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(REACH-no) 01-2119471330-49</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<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>hydrocarbons, C9, aromatics</td>
<td>(EC no) 918-668-5</td>
<td>25 - 50</td>
<td>Flam. Liq. 3, H226; STOT SE 3, H335; Asp. Tox. 1, H304; Aquatic Chronic 2, H411</td>
</tr>
<tr>
<td></td>
<td>(REACH-no) 01-2119455851-35</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Butane n-</td>
<td>(CAS No) 106-97-8</td>
<td>10 - 25</td>
<td>Flam. Gas 1, H220</td>
</tr>
<tr>
<td></td>
<td>(EC no) 203-448-7</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(EC index no) 601-004-00-0</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(REACH-no) 01-2119474691-32</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Propane</td>
<td>(CAS No) 74-98-6</td>
<td>10 - 25</td>
<td>Flam. Gas 1, H220</td>
</tr>
<tr>
<td></td>
<td>(EC no) 200-827-9</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(EC index no) 601-003-00-5</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(REACH-no) 01-2119486944-21</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2-butoxyethanol</td>
<td>(CAS No) 111-76-2</td>
<td>5 - 10</td>
<td>Acute Tox. 4 (Oral), H302; Acute Tox. 4 (Dermal), H312; Acute Tox. 4 (Inhalation:dust,mist), H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319</td>
</tr>
<tr>
<td></td>
<td>(EC no) 203-905-0</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(EC index no) 603-014-00-0</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(REACH-no) 01-2119475108-36</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acetone</td>
<td>(CAS No) 67-64-1</td>
<td>5 - 10</td>
<td>Flam. Liq. 2, H225; Eye Irrit. 2, H319</td>
</tr>
<tr>
<td></td>
<td>(EC no) 200-662-2</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(EC index no) 606-001-00-8</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(REACH-no) 01-2119471330-49</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general:

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 or doctor/physician if you feel unwell.

First-aid measures after skin contact:
After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water and soap. 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. Call a POISON CENTER or doctor/physician if you feel unwell. As it is a spray can packaging it is most unlikely that large quantities will be swallowed.

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

Symptoms/injuries:
Vapours may cause drowsiness and dizziness.

Symptoms/injuries after inhalation:
Depression of the central nervous system, headaches, dizziness, drowsiness, loss of coordination. Nausea. May cause respiratory irritation.

Symptoms/injuries after skin contact:
skin irritation and erythema. Repeated exposure may cause skin dryness or cracking.

Symptoms/injuries after eye contact:
Causes serious eye irritation.

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.

Unsuitable extinguishing media:
Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Fire hazard:
Extremely flammable aerosol. Heating may cause a fire or explosion.

Explosion hazard:
No direct explosion hazard.

Reactivity:
On burning: release of carbon monoxide - carbon dioxide.

5.3. Advice for firefighters

Firefighting instructions:
Physical explosion risk: extinguish/cool from behind cover. Use water spray or fog for cooling exposed containers.

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

6.1.1. For non-emergency personnel

Protective equipment:

Emergency procedures:

6.1.2. For emergency responders

Emergency procedures:
Ventilate area.
6.2. Environmental precautions
Prevent soil and water pollution. Avoid release to the environment.

6.3. Methods and material for containment and cleaning up
For containment: Collect spillage.
Methods for cleaning up: Small quantities of liquid spill: take up in non-combustible absorbent material and shovel into container for disposal. Scoop absorbed substance into closing containers. Wash clothing and equipment after handling.

6.4. Reference to other sections
No additional information available

SECTION 7: Handling and storage

7.1. Precautions for safe handling
Precautions for safe handling: Meets the legal requirements. Provide good ventilation in process area to prevent formation of vapour. Use spark-/explosionproof appliances and lighting system. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

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

7.2. Conditions for safe storage, including any incompatibilities
Storage temperature: ≤ 45 °C
Heat and ignition sources: Keep away from sources of ignition - No smoking.
Prohibitions on mixed storage: Keep away from strong acids and strong oxidizers.
Storage area: Meets the legal requirements. Fireproof storeroom. Protect from heat and direct sunlight. Keep container tightly closed in a cool, well-ventilated place. Store in a dry place. Ventilation along the floor.

Special rules on packaging: Meets the legal requirements. correctly labelled.
Packaging materials: Pressurised small gas containers (aerosol cans).

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

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

<table>
<thead>
<tr>
<th>Substance</th>
<th>Limit value (mg/m³)</th>
<th>Limit value (ppm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Butane n- (106-97-8)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Belgium</td>
<td>Limit value (ppm)</td>
<td>1000 ppm</td>
</tr>
<tr>
<td>Propane (74-98-6)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Belgium</td>
<td>Limit value (ppm)</td>
<td>1000 ppm</td>
</tr>
<tr>
<td>2-butoxyethanol (111-76-2)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EU</td>
<td>IOELV TWA (mg/m³)</td>
<td>98 mg/m³</td>
</tr>
<tr>
<td>EU</td>
<td>IOELV TWA (ppm)</td>
<td>20 ppm</td>
</tr>
<tr>
<td>EU</td>
<td>IOELV STEL (mg/m³)</td>
<td>246 mg/m³</td>
</tr>
<tr>
<td>EU</td>
<td>IOELV STEL (ppm)</td>
<td>50 ppm</td>
</tr>
<tr>
<td>Belgium</td>
<td>Limit value (mg/m³)</td>
<td>98 mg/m³</td>
</tr>
<tr>
<td>Belgium</td>
<td>Limit value (ppm)</td>
<td>20 ppm</td>
</tr>
<tr>
<td>Belgium</td>
<td>Short time value (mg/m³)</td>
<td>246 mg/m³</td>
</tr>
<tr>
<td>Belgium</td>
<td>Short time value (ppm)</td>
<td>50 ppm</td>
</tr>
<tr>
<td>Belgium</td>
<td>Remark (BE)</td>
<td>D</td>
</tr>
<tr>
<td>Netherlands</td>
<td>Grenswaarde TGG 8H (mg/m³)</td>
<td>100 mg/m³</td>
</tr>
<tr>
<td>Netherlands</td>
<td>Grenswaarde TGG 8H (ppm)</td>
<td>20 ppm</td>
</tr>
<tr>
<td>Netherlands</td>
<td>Grenswaarde TGG 15MIN (mg/m³)</td>
<td>246 mg/m³</td>
</tr>
<tr>
<td>Netherlands</td>
<td>Grenswaarde TGG 15MIN (ppm)</td>
<td>50 ppm</td>
</tr>
<tr>
<td>Acetone (67-64-1)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EU</td>
<td>IOELV TWA (mg/m³)</td>
<td>1210 mg/m³</td>
</tr>
<tr>
<td>EU</td>
<td>IOELV TWA (ppm)</td>
<td>500 ppm</td>
</tr>
<tr>
<td>Belgium</td>
<td>Limit value (mg/m³)</td>
<td>1210 mg/m³</td>
</tr>
<tr>
<td>Belgium</td>
<td>Limit value (ppm)</td>
<td>500 ppm</td>
</tr>
<tr>
<td>Belgium</td>
<td>Short time value (mg/m³)</td>
<td>2420 mg/m³</td>
</tr>
<tr>
<td>Belgium</td>
<td>Short time value (ppm)</td>
<td>1000 ppm</td>
</tr>
</tbody>
</table>
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: Safety glasses. Gloves.

Hand protection: nitrile. Neoprene. 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
Appearance: Aerosol.
Colour: No data available
Odour: aromatic.
Odour threshold: No data available
pH: No data available
Relative evaporation rate (butylacetate=1): 5,6
refraction index: 
Melting point: < -20 °C
Freezing point: No data available
Boiling point: 56 - 180 °C
Flash point: -18 °C
Auto-ignition temperature: 230 °C
Decomposition temperature: No data available
Flammability (solid, gas): No data available
Vapour pressure: 8530 hPa
Relative vapour density at 20 °C: No data available
Relative density: No data available
Density @20°C: 860 kg/m³
Solubility: Partially soluble.
Log Pow: No data available
Log Kow: No data available
Viscosity, kinematic @40°C: No data available
Viscosity, dynamic @40°C: No data available
Viscosity: 1 mm²/s @20°C
Viscosity Index: 
Explosive properties: No data available
Oxidising properties: No data available
Explosive limits: 0,8 - 13 vol %

9.2. Other information
VOC content: 90,25 %
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
On burning: release of carbon monoxide - carbon dioxide.
10.2. Chemical stability
Extremely flammable aerosol. Stable under normal conditions.

10.3. Possibility of hazardous reactions
No additional information available

10.4. Conditions to avoid
No additional information available

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 : Not classified

2-butoxyethanol (111-76-2)
ATE CLP (oral) 500,000 mg/kg bodyweight
ATE CLP (dermal) 1100,000 mg/kg bodyweight
ATE CLP (dust,mist) 1,500 mg/l/4h

Skin corrosion/irritation : Not classified

Serious eye damage/irritation : Causes serious eye irritation.

Respiratory or skin sensitisation : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

Specific target organ toxicity (single exposure) : May cause respiratory irritation. May cause drowsiness or dizziness.

Specific target organ toxicity (repeated exposure) : Not classified

Aspiration hazard : Not classified

SECTION 12: Ecological information

12.1. Toxicity
Ecology - general : No data available.

12.2. Persistence and degradability
No additional information available

12.3. Bioaccumulative potential
No additional information available

12.4. Mobility in soil
No additional information available

12.5. Results of PBT and vPvB assessment
No additional information available

12.6. Other adverse effects
No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods
Waste disposal recommendations : Container under pressure. Do not drill or burn even after use. Remove to an authorized waste treatment plant.
Diesel EGR 3 (Aerosol)
Safety Data Sheet
according to Regulation (EC) No. 453/2010

SECTION 14: Transport information
In accordance with ADR / RID / IMDG / IATA / ADN

14.1. UN number
UN-No. (ADR) : 1950

14.2. UN proper shipping name
Proper Shipping Name (ADR) : AEROSOLS
Transport document description (ADR) : UN 1950 AEROSOLS, 2.1, (D), ENVIRONMENTALLY HAZARDOUS

14.3. Transport hazard class(es)
Class (ADR) : 2
Subsidiary risk (IMDG) : 2.1
Subsidiary risk (IATA) : 2.1
Danger labels (ADR) : 2.1

14.4. Packing group
Not applicable

14.5. Environmental hazards
Dangerous for the environment :

Other information : No supplementary information available.

14.6. Special precautions for user

14.6.1. Overland transport
Classification code (ADR) : 5F
Special provisions (ADR) : 190, 327, 344, 625
Transport category (ADR) : 2
Tunnel restriction code (ADR) : D
Limited quantities (ADR) : 1l

14.6.2. Transport by sea
EmS-No. (1) : F-D, S-U

14.6.3. Air transport
Instruction "cargo" (ICAO) : 203
Instruction "passenger" (ICAO) : 203/Y203

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 substances with Annex XVII restrictions
Diesel EGR 3 (Aerosol) is not on the REACH Candidate List
Contains no substance on the REACH candidate list
Contains no REACH Annex XIV substances
VOC content : 90,25 %
Diesel EGR 3 (Aerosol)
Safety Data Sheet
according to Regulation (EC) No. 453/2010

15.1.2. National regulations
Water hazard class (WGK) : 2 - hazard to waters

15.2. Chemical safety assessment
No additional information available

SECTION 16: Other information

Full text of R-, H- and EUH-statements:

Acute Tox. 4 (Dermal) 
Acute toxicity (dermal), Category 4
Acute Tox. 4 (Inhalation:dust,mist) Acute toxicity (inhalation:dust,mist) Category 4
Acute Tox. 4 (Oral) Acute toxicity (oral), Category 4
Aerosol 1 Aerosol, Category 1
Aquatic Chronic 2 Hazardous to the aquatic environment — Chronic Hazard, Category 2
Asp. Tox. 1 Aspiration hazard, Category 1
Eye Irrit. 2 Serious eye damage/eye irritation, Category 2
Flam. Gas 1 Flammable gases, Category 1
Flam. Liq. 2 Flammable liquids, Category 2
Flam. Liq. 3 Flammable liquids, Category 3
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
H220 Extremely flammable gas
H222 Extremely flammable aerosol
H225 Highly flammable liquid and vapour
H226 Flammable liquid and vapour
H229 Pressurised container: May burst if heated
H302 Harmful if swallowed
H304 May be fatal if swallowed and enters airways
H312 Harmful in contact with skin
H315 Causes skin irritation
H319 Causes serious eye irritation
H332 Harmful if inhaled
H335 May cause respiratory irritation
H336 May cause drowsiness or dizziness
H411 Toxic to aquatic life with long lasting effects
R10 Flammable
R11 Highly flammable
R12 Extremely flammable
R20/21/22 Harmful by inhalation, in contact with skin and if swallowed
R36 Irritating to eyes
R36/38 Irritating to eyes and skin
R37 Irritating to respiratory system
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R65 Harmful: may cause lung damage if swallowed
R66 Repeated exposure may cause skin dryness or cracking
R67 Vapours may cause drowsiness and dizziness
F Highly flammable
F+ Extremely flammable
N Dangerous for the environment
Xi Irritant
Xn Harmful

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.