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

1.1. Product identifier
Product name: Cat & Lambda Cleaner
Product code: W24463

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: Petrol 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

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture
Classification according to Regulation (EC) No. 1272/2008 [CLP]
Flam. Liq. 3: H226
Org. Perox. E: H242
Acute Tox. 4 (Dermal): H312
Acute Tox. 4 (Inhalation: dust, mist): H332
Skin Irrit. 2: H315
Eye Irrit. 2: H319
Muta. 2: H341
STOT RE 1: H372
Asp. Tox. 1: H304
Aquatic Chronic 3: H412

Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]
Muta. Cat.3; R68
O; R7
Xn; R20/21
Xn; R65
Xn; R48/20
Xi; R36/38
R10

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):

Signal word (CLP): Danger
Hazardous ingredients: 2-butoxyethanol, xylene, 2-ethylhexan-1-ol, Di-tert-butyl peroxide, hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)

Hazard statements (CLP): H226 - Flammable liquid and vapour
H242 - Heating may cause a fire
H304 - May be fatal if swallowed and enters airways
H312+H332 - Harmful in contact with skin or if inhaled
H315 - Causes skin irritation
H319 - Causes serious eye irritation
H341 - Suspected of causing genetic defects
H372 - Causes damage to organs (central nervous system) through prolonged or repeated exposure
H412 - Harmful to aquatic life with long lasting effects

Precautionary statements (CLP): P102 - Keep out of reach of children
P405 - Store locked up
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking
P260 - Do not breathe vapours
P280 - Wear face protection, protective gloves, protective clothing
P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER, a doctor
P331 - Do NOT induce vomiting
P337+P313 - If eye irritation persists: Get medical advice/attention

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, C10-C13, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)</td>
<td>(EC no) 919-164-8 (REACH-no) 01-2119473977-17</td>
<td>25 - 50</td>
<td>Xn; R46/20 Xn; R65 R66</td>
</tr>
<tr>
<td>2-butoxyethanol</td>
<td>(CAS No) 111-76-2 (EC no) 203-905-0 (EC index no) 603-014-00-0 (REACH-no) 01-2119475108-36</td>
<td>10 - 25</td>
<td>Xn; R20/21/22 Xi; R36/38</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>10 - 25</td>
<td>Xn; R20 Xi; R36/37/38</td>
</tr>
<tr>
<td>xylene</td>
<td>(CAS No) 1330-20-7 (EC no) 215-535-7 (EC index no) 601-022-00-9 (REACH-no) 01-2119488216-32</td>
<td>10 - 25</td>
<td>R10 Xn; R20/21 Xi; R38</td>
</tr>
<tr>
<td>polyetheramine</td>
<td>(CAS No) 224622-34-8</td>
<td>10 - 25</td>
<td>Xi; R38 R52/53</td>
</tr>
<tr>
<td>Di-tert-butyl peroxide</td>
<td>(CAS No) 110-05-4 (EC no) 203-733-6 (EC index no) 617-001-00-2 (REACH-no) 01-2119513335-48</td>
<td>5 - 10</td>
<td>O; R7 F; R11 Muta.Cat.3; R68 R52/53</td>
</tr>
<tr>
<td>Kerosine (petroleum), hydrodesulfurized</td>
<td>(CAS No) 64742-81-0 (EC no) 265-184-9 (EC index no) 649-423-00-8 (REACH-no) 01-2119462828-25</td>
<td>0,1 - 1</td>
<td>Xn; R65 Xi; R38 N; R51/53</td>
</tr>
</tbody>
</table>

Specific concentration limits:
(C >= 12,5) Xn; R20/21

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>Specific concentration limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>xylene</td>
<td>(CAS No) 1330-20-7 (EC no) 215-535-7 (EC index no) 601-022-00-9 (REACH-no) 01-2119488216-32</td>
<td>(C &gt;= 12,5) Xn; R20/21</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, C10-C13, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)</td>
<td>(EC no) 919-164-8 (REACH-no) 01-2119473977-17</td>
<td>25 - 50</td>
<td>STOT RE 1, H372 Asp. Tox. 1, H304 Aquatic Chronic 3, H412</td>
</tr>
</tbody>
</table>
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 or doctor/physician 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 or doctor/physician if you feel unwell. Ingestion of large quantities: immediately to hospital.

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

Symptoms/injuries: Suspected of causing genetic defects.

Symptoms/injuries after inhalation: Harmful if inhaled.

Symptoms/injuries after skin contact: Harmful in contact with skin. Causes skin irritation. Repeated or prolonged skin contact may cause dermatitis and defatting.

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: Flammable liquid and vapour. This material can accumulate static charge by flow or agitation and can be ignited by static discharge.

Explosion hazard: Product is not explosive.

5.3. Advice for firefighters

Firefighting instructions: Contain the extinguishing fluids by bunding. Prevent fire-fighting water from entering 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.

Emergency procedures: Mark the danger area. Seal off low-lying areas. Large spills/in enclosed spaces: compressed air apparatus. Take off contaminated clothing and wash before reuse.

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. Small quantities of liquid spill: take up in non-combustible absorbent material and shovel into container for disposal. Clean with detergents. Avoid solvent cleaners.

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: meet the legal requirements. Repeated or prolonged contact with the product may lead to removal of natural fats from the skin. Presents no particular risk when handled in accordance with good occupational hygiene practice. Provide good ventilation in process area to prevent formation of vapour.

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

Technical measures: Take precautionary measures against static discharge.

Storage conditions: Meet the legal requirements. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Protect from sunlight. Store in a well-ventilated place.

Storage temperature: < 45 °C

Storage area: Meet the legal requirements. Protect from heat and direct sunlight. Keep container tightly closed in a cool, well-ventilated place. Ventilation along the floor.

Special rules on packaging: Keep only in original container. correctly labelled.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)
Italy - Portugal - USA ACGIH TWA (ppm) 100 ppm ACGIH
### 2-butoxyethanol (111-76-2)

<table>
<thead>
<tr>
<th></th>
<th>EU IOELV TWA (mg/m³)</th>
<th>98 mg/m³</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>EU IOELV TWA (ppm)</td>
<td>20 ppm</td>
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<tr>
<td></td>
<td>EU IOELV STEL (mg/m³)</td>
<td>246 mg/m³</td>
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<tr>
<td></td>
<td>EU 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>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th></th>
<th>Germany TRGS 900 Occupational exposure limit value (mg/m³)</th>
<th>110 mg/m³</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Germany TRGS 900 Occupational exposure limit value (ppm)</td>
<td>20 ppm</td>
</tr>
</tbody>
</table>

### xylene (1330-20-7)

<table>
<thead>
<tr>
<th></th>
<th>EU IOELV TWA (mg/m³)</th>
<th>221 mg/m³</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>EU IOELV TWA (ppm)</td>
<td>50 ppm</td>
</tr>
<tr>
<td></td>
<td>EU IOELV STEL (mg/m³)</td>
<td>442 mg/m³</td>
</tr>
<tr>
<td></td>
<td>EU IOELV STEL (ppm)</td>
<td>100 ppm</td>
</tr>
<tr>
<td>Belgium</td>
<td>Limit value (mg/m³)</td>
<td>221 mg/m³</td>
</tr>
<tr>
<td>Belgium</td>
<td>Limit value (ppm)</td>
<td>50 ppm</td>
</tr>
<tr>
<td>Belgium</td>
<td>Short time value (mg/m³)</td>
<td>442 mg/m³</td>
</tr>
<tr>
<td>Belgium</td>
<td>Short time value (ppm)</td>
<td>100 ppm</td>
</tr>
<tr>
<td>Belgium</td>
<td>Remark (BE)</td>
<td>D</td>
</tr>
<tr>
<td>United Kingdom</td>
<td>WEL STEL (ppm)</td>
<td>100 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. Provide good ventilation in process area to prevent formation of vapour. 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

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Liquid</td>
</tr>
<tr>
<td>Appearance</td>
<td>Clear</td>
</tr>
<tr>
<td>Colour</td>
<td>light yellow</td>
</tr>
<tr>
<td>Odour</td>
<td>characteristic</td>
</tr>
<tr>
<td>Odour threshold</td>
<td>No data available</td>
</tr>
<tr>
<td>pH</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative evaporation rate</td>
<td>No data available</td>
</tr>
<tr>
<td>(butylacetate=1)</td>
<td></td>
</tr>
<tr>
<td>Refraction index</td>
<td>1,44</td>
</tr>
<tr>
<td>Melting point</td>
<td>No data available</td>
</tr>
<tr>
<td>Freezing point</td>
<td>No data available</td>
</tr>
</tbody>
</table>
**Boiling point**: No data available

**Flash point**: 34 °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**: 853 kg/m³

**Solubility**: No data available

**Log Pow**: No data available

**Log Kow**: No data available

**Viscosity, kinematic @40°C**: 2,32 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

**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**: 853 kg/m³

**Solubility**: No data available

**Log Pow**: No data available

**Log Kow**: No data available

**Viscosity, kinematic @40°C**: 2,32 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**

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. Heating may cause a fire.

**10.3. Possibility of hazardous reactions**

No additional information available

**10.4. Conditions to avoid**

Keep away from sources of heat (e.g. hot surfaces), sparks and open flames. Keep away from strong acids and strong oxidizers.

**10.5. Incompatible materials**

No additional information available

**10.6. Hazardous decomposition products**


**SECTION 11: Toxicological information**

**11.1. Information on toxicological effects**

**Acute toxicity**

Cat & Lambda Cleaner

ATE CLP (dermal) 1100,000 mg/kg bodyweight

ATE CLP (dust,mist) 2,732 mg/l/4h

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

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

ATE CLP (dust,mist) 1,500 mg/l/4h

xylene (1330-20-7)

ATE CLP (dermal) 1100,000 mg/kg bodyweight

ATE CLP (dust,mist) 1,500 mg/l/4h

Skin corrosion/irritation: Causes skin irritation.
Serious eye damage/irritation: Causes serious eye irritation.
Respiratory or skin sensitisation: Not classified
Germ cell mutagenicity: Suspected of causing genetic defects.
Carcinogenicity: Not classified
Reproductive toxicity: Not classified
Specific target organ toxicity (single exposure): Not classified
Specific target organ toxicity (repeated exposure): Causes damage to organs (central nervous system) through prolonged or repeated exposure.
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. May cause long lasting harmful effects to aquatic life.
Ecology - water: Harmful to aquatic life with long lasting effects.

12.2. Persistence and degradability
2-ethylhexan-1-ol (104-76-7)
Persistence and degradability: Readily biodegradable in water. Biodegradable in the soil.
Xylene (1330-20-7)

12.3. Bioaccumulative potential
2-ethylhexan-1-ol (104-76-7)
Bioaccumulative potential: Low potential for bioaccumulation (Log Kow < 4).
Xylene (1330-20-7)
Bioaccumulative potential: Low potential for bioaccumulation (BCF < 500).

12.4. Mobility in soil
Xylene (1330-20-7)
Ecology - soil: May be harmful to plant growth, blooming and fruit formation.

12.5. Results of PBT and vPvB assessment
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)
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
Waste 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: 18 01 06* - chemicals consisting of or containing dangerous substances
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
UN-No. (ADR): 1993

14.2. UN proper shipping name
Proper Shipping Name (ADR): FLAMMABLE LIQUID, N.O.S.

14.3. Transport hazard class(es)
Class (ADR): 3
14.4. Packing group
Packing group (ADR) : III

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

14.6. Special precautions for user
14.6.1. Overland transport
Hazard identification number (Kemler No.) : 30
Classification code (ADR) : F1
Orange plates : 30

Special provisions (ADR) : 274, 601, 640E
Transport category (ADR) : 3
Tunnel restriction code (ADR) : D/E
Limited quantities (ADR) : 5l
Excepted quantities (ADR) : E1
EAC code : •3YE

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

14.6.3. Air transport
Instruction "cargo" (ICAO) : 366
Instruction "passenger" (ICAO) : 355
Instruction "passenger" - Limited quantities (ICAO) : Y344

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
Cat & Lambda Cleaner is not on the REACH Candidate List
Contains no substance on the REACH candidate list
Contains no REACH Annex XIV substances

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

15.2. Chemical safety assessment
No chemical safety assessment has been carried out

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
### Cat & Lambda Cleaner

**Safety Data Sheet**

according to Regulation (EC) No. 453/2010

<table>
<thead>
<tr>
<th>Classification</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Tox. 4 (Oral)</td>
<td>Acute toxicity (oral), Category 4</td>
</tr>
<tr>
<td>Aquatic Chronic 2</td>
<td>Hazardous to the aquatic environment — Chronic Hazard, Category 2</td>
</tr>
<tr>
<td>Aquatic Chronic 3</td>
<td>Hazardous to the aquatic environment — Chronic Hazard, Category 3</td>
</tr>
<tr>
<td>Asp. Tox. 1</td>
<td>Aspiration hazard, Category 1</td>
</tr>
<tr>
<td>Eye Irrit. 2</td>
<td>Serious eye damage/eye irritation, Category 2</td>
</tr>
<tr>
<td>Flam. Liq. 2</td>
<td>Flammable liquids, Category 2</td>
</tr>
<tr>
<td>Flam. Liq. 3</td>
<td>Flammable liquids, Category 3</td>
</tr>
<tr>
<td>Muta. 2</td>
<td>Germ cell mutagenicity, Category 2</td>
</tr>
<tr>
<td>Org. Perox. E</td>
<td>Organic Peroxides, Type E</td>
</tr>
<tr>
<td>Skin Irrit. 2</td>
<td>Skin corrosion/irritation, Category 2</td>
</tr>
<tr>
<td>STOT RE 1</td>
<td>Specific target organ toxicity — Repeated exposure, Category 1</td>
</tr>
<tr>
<td>STOT SE 3</td>
<td>Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation</td>
</tr>
</tbody>
</table>

**Hazardous Symbols:**

- H225: Highly flammable liquid and vapour
- H226: Flammable liquid and vapour
- H242: Heating may cause a fire
- 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: May cause respiratory irritation
- H341: Suspected of causing genetic defects
- H372: Causes damage to organs through prolonged or repeated exposure
- H411: Toxic to aquatic life with long lasting effects
- H412: Harmful to aquatic life with long lasting effects
- R10: Flammable
- R11: Highly flammable
- R20: Harmful by inhalation
- R20/21: Harmful by inhalation and in contact with skin
- R20/21/22: Harmful by inhalation, in contact with skin and if swallowed
- R36/37/38: Irritating to eyes, respiratory system and skin
- R36/38: Irritating to eyes and skin
- R38: Irritating to skin
- R48/20: Harmful: danger of serious damage to health by prolonged exposure through inhalation
- R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
- R52/53: Harmful 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
- R68: Possible risk of irreversible effects
- R7: May cause fire
- F: Highly flammable
- N: Dangerous for the environment
- O: Oxidising
- Xi: Irritant
- Xn: Harmful

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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.