



**EcoMotive Manufacturing Ltd - CleanDrive Fuel System  
Cleaner 450ml**

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

**1.1. Product identifier**

**Product name** EcoMotive Manufacturing Ltd - CleanDrive Fuel System Cleaner

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

**Identified uses** Cleaner

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

**Supplier** EcoMotive Manufacturing Ltd Unit  
69a Faircharm Trading Estate,  
Evelyn Drive, Leicester  
Tel: 0845 0521349  
info@eco-motive.com

**1.4. Emergency telephone number**

**Emergency telephone** + 0845 0521349 (MON TO FRI 09:00 - 17:00)

**SECTION 2: Hazards identification**

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

**Classification (EC 1272/2008)**

**Physical hazards** Flam. Liq. 2 - H225

**Health hazards** Acute Tox. 4 - H332 Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Carc. 2 - H351 STOT SE 3 - H335, H336 STOT RE 2 - H373 Asp. Tox. 1 - H304

**Environmental hazards** Aquatic Chronic 3 - H412

**Human health** Vapours and spray/mists in high concentrations are narcotic. See Section 11 for additional information on health hazards.

**Environmental** The product contains a substance which is harmful to aquatic organisms.

**Physicochemical** The product is highly flammable. Containers can burst violently or explode when heated, due to excessive pressure build-up. Vapours may form explosive mixtures with air.

**2.2. Label elements**

**Hazard pictograms**



**Signal word**

**Danger**

## EcoMotive Manufacturing Limited – Clean-Drive 450ml

|   |  |
|---|--|
| <b>Hazard statements</b>                      | <p>H225 Highly flammable liquid and vapour.<br/> H332 Harmful if inhaled.<br/> H315 Causes skin irritation.<br/> H318 Causes serious eye damage.<br/> H351 Suspected of causing cancer.<br/> H335 May cause respiratory irritation.<br/> H336 May cause drowsiness or dizziness.<br/> H373 May cause damage to organs through prolonged or repeated exposure.<br/> H412 Harmful to aquatic life with long lasting effects.<br/> H304 May be fatal if swallowed and enters airways.</p>   |
| <b>Precautionary statements</b>               | <p>P102 Keep out of reach of children.<br/> P202 Do not handle until all safety precautions have been read and understood.<br/> P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.<br/> P243 Take action to prevent static discharges.<br/> P260 Do not breathe vapour/ spray.<br/> P271 Use only outdoors or in a well-ventilated area.<br/> P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.<br/> P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.<br/> P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.<br/> P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.<br/> P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.<br/> P312 Call a POISON CENTRE/doctor if you feel unwell.<br/> P331 Do NOT induce vomiting.<br/> P403+P235 Store in a well-ventilated place. Keep cool.<br/> P501 Dispose of contents/ container in accordance with national regulations.</p> |
| <b>Supplemental label information</b>         | <p>EUH066 Repeated exposure may cause skin dryness or cracking.<br/> RCH002b For professional users only.</p>  |
| <b>Contains</b>                               | <p>XYLENE, ACETONE, FUELS DIESEL, BUTAN-1-OL</p>   |
| <b>Supplementary precautionary statements</b> | <p>P201 Obtain special instructions before use.<br/> P240 Ground and bond container and receiving equipment.<br/> P241 Use explosion-proof electrical equipment.<br/> P242 Use non-sparking tools.<br/> P261 Avoid breathing vapour/ spray.<br/> P264 Wash contaminated skin thoroughly after handling.<br/> P273 Avoid release to the environment.<br/> P302+P352 IF ON SKIN: Wash with plenty of water.<br/> P308+P313 IF exposed or concerned: Get medical advice/ attention.<br/> P314 Get medical advice/ attention if you feel unwell.<br/> P321 Specific treatment (see medical advice on this label).<br/> P332+P313 If skin irritation occurs: Get medical advice/ attention.<br/> P362+P364 Take off contaminated clothing and wash it before reuse.<br/> P370+P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish.<br/> P403+P233 Store in a well-ventilated place. Keep container tightly closed.<br/> P405 Store locked up.</p>   |

### 2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

### **SECTION 3: Composition/information on ingredients**

## EcoMotive Manufacturing Limited - Clean-Drive 450ml

## 3.2. Mixtures

|   |                      |  |
|---|----------------------|--|
| <b>XYLENE</b> <span style="float: right;"><b>30-60%</b></span>  |                      |  |
| CAS number: 1330-20-7   | EC number: 215-535-7 | REACH registration number: 01-2119488216-32-XXXX |
| <b>Classification</b><br>Flam. Liq. 3 - H226<br>Acute Tox. 4 - H312<br>Acute Tox. 4 - H332<br>Skin Irrit. 2 - H315<br>Eye Irrit. 2 - H319<br>STOT SE 3 - H335<br>STOT RE 2 - H373<br>Asp. Tox. 1 - H304<br>Aquatic Chronic 3 - H412 |                      |  |
| <b>ACETONE</b> <span style="float: right;"><b>10-30%</b></span>   |                      |  |
| CAS number: 67-64-1   | EC number: 200-662-2 | REACH registration number: 01-2119471330-49-XXXX |
| <b>Classification</b><br>Flam. Liq. 2 - H225<br>Eye Irrit. 2 - H319<br>STOT SE 3 - H336   |                      |  |
| <b>FUELS DIESEL</b> <span style="float: right;"><b>10-30%</b></span>  |                      |  |
| CAS number: 68334-30-5  | EC number: 269-822-7 |  |
| <b>Classification</b><br>Flam. Liq. 3 - H226<br>Acute Tox. 4 - H332<br>Skin Irrit. 2 - H315<br>Carc. 2 - H351<br>STOT RE 2 - H373<br>Asp. Tox. 1 - H304<br>Aquatic Chronic 2 - H411   |                      |  |
| <b>BUTAN-1-OL</b> <span style="float: right;"><b>5-10%</b></span>   |                      |  |
| CAS number: 71-36-3   | EC number: 200-751-6 | REACH registration number: 01-2119484630-38-XXXX |
| <b>Classification</b><br>Flam. Liq. 3 - H226<br>Acute Tox. 4 - H302<br>Skin Irrit. 2 - H315<br>Eye Dam. 1 - H318<br>STOT SE 3 - H335, H336  |                      |  |

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|  |                      |  |
|--|----------------------|--|
| <b>ETHANOL</b>   |                      | <b>1-5%</b>                                      |
| CAS number: 64-17-5  | EC number: 200-578-6 | REACH registration number: 01-2119457610-43-XXXX |
| <b>Classification</b>  |                      |  |
| Flam. Liq. 2 - H225<br>Eye Irrit. 2 - H319                     |                      |  |
| <b>ethyl acetate</b>   |                      | <b>&lt;1%</b>                                    |
| CAS number: 141-78-6   | EC number: 205-500-4 | REACH registration number: 01-2119475103-46-XXXX |
| <b>Classification</b>  |                      |  |
| Flam. Liq. 2 - H225<br>Eye Irrit. 2 - H319<br>STOT SE 3 - H336 |                      |  |
| <b>PROPAN-2-OL</b>   |                      | <b>&lt;1%</b>                                    |
| CAS number: 67-63-0  | EC number: 200-661-7 | REACH registration number: 01-2119457558-25-XXXX |
| <b>Classification</b>  |                      |  |
| Flam. Liq. 2 - H225<br>Eye Irrit. 2 - H319<br>STOT SE 3 - H336 |                      |  |

The full text for all hazard statements is displayed in Section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

|                                   |   |
|-----------------------------------|---|
| <b>General information</b>        | Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.   |
| <b>Inhalation</b>                 | Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. If in doubt, get medical attention promptly.   |
| <b>Ingestion</b>                  | Rinse mouth thoroughly with water. Remove person to fresh air and keep comfortable for breathing. Get medical attention.  |
| <b>Skin contact</b>               | Wash skin thoroughly with soap and water. Get medical attention promptly if symptoms occur after washing.   |
| <b>Eye contact</b>                | Remove any contact lenses and open eyelids wide apart. Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes. Get medical attention promptly if symptoms occur after washing. |
| <b>Protection of first aiders</b> | First aid personnel should wear appropriate protective equipment during any rescue.   |

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

|                            |  |
|----------------------------|--|
| <b>General information</b> | See Section 11 for additional information on health hazards. |
|----------------------------|--|

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

|                             |                        |
|-----------------------------|------------------------|
| <b>Notes for the doctor</b> | Treat symptomatically. |
|-----------------------------|------------------------|

## EcoMotive Manufacturing Limited - Clean-Drive 450ml

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

**Suitable extinguishing media** Foam, carbon dioxide or dry powder.

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

**Specific hazards** Containers can burst violently or explode when heated, due to excessive pressure build-up.

#### 5.3. Advice for firefighters

**Protective actions during firefighting** Use water to keep fire exposed containers cool and disperse vapours. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk.

### SECTION 6: Accidental release measures

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

**Personal precautions** Avoid inhalation of vapours and contact with skin and eyes. Ensure suitable respiratory protection is worn during removal of spillages in confined areas.

#### 6.2. Environmental precautions

**Environmental precautions** Avoid discharge into drains.

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

**Methods for cleaning up** Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Absorb in vermiculite, dry sand or earth and place into containers.

#### 6.4. Reference to other sections

**Reference to other sections** For personal protection, see Section 8. See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards. For waste disposal, see Section 13.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

**Usage precautions** Keep away from heat, sparks and open flame. Read and follow manufacturer's recommendations. Use suitable respiratory protection if ventilation is inadequate.

**Advice on general occupational hygiene** Wash promptly with soap and water if skin becomes contaminated. Do not eat, drink or smoke when using this product.

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

**Storage precautions** Protect from freezing and direct sunlight. Store in a dry place. Do not store near heat sources or expose to high temperatures. Keep away from heat, sparks and open flame.

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

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

### SECTION 8: Exposure controls/Personal protection

#### 8.1. Control parameters

##### Occupational exposure limits

**XYLENE**

## EcoMotive Manufacturing Limited - Clean-Drive 450ml

Long-term exposure limit (8-hour TWA): WEL 50 ppm 220 mg/m<sup>3</sup>

Long-term exposure limit (8-hour TWA): WEL 50 ppm 220 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 100 ppm 441 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 100 ppm 441 mg/m<sup>3</sup>

Sk, Sk

### ACETONE

Long-term exposure limit (8-hour TWA): WEL 500 ppm 1210 mg/m<sup>3</sup>

Long-term exposure limit (8-hour TWA): WEL 500 ppm 1210 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 1500 ppm 3620 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 1500 ppm 3620 mg/m<sup>3</sup>

### BUTAN-1-OL

Short-term exposure limit (15-minute): WEL 154 mg/m<sup>3</sup> 50 ppm

### ETHANOL

Long-term exposure limit (8-hour TWA): WEL 1000 ppm 1920 mg/m<sup>3</sup>

Long-term exposure limit (8-hour TWA): WEL 1000 ppm 1920 mg/m<sup>3</sup>

#### ethyl acetate

Long-term exposure limit (8-hour TWA): WEL 200 ppm

Short-term exposure limit (15-minute): WEL 400 ppm

### PROPAN-2-OL

Long-term exposure limit (8-hour TWA): WEL 400 ppm 999 mg/m<sup>3</sup>

Long-term exposure limit (8-hour TWA): WEL 400 ppm 999 mg/m<sup>3</sup>

Long-term exposure limit (8-hour TWA): WEL 400 ppm 999 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 500 ppm 1250 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 500 ppm 1250 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 500 ppm 1250 mg/m<sup>3</sup>

WEL = Workplace Exposure Limit

Sk = Can be absorbed through the skin.

### XYLENE (CAS: 1330-20-7)

|             |   |
|-------------|---|
| <b>DNEL</b> | <p>Consumer - Dermal; Long term systemic effects: 108 mg/kg/day</p> <p>Workers - Dermal; Long term systemic effects: 180 mg/kg/day</p> <p>Consumer - Inhalation; Short term local effects: 174 mg/m<sup>3</sup></p> <p>Consumer - Inhalation; Short term systemic effects: 174 mg/m<sup>3</sup></p> <p>Workers - Inhalation; Short term systemic effects: 289 mg/m<sup>3</sup></p> <p>Workers - Inhalation; Short term local effects: 289 mg/m<sup>3</sup></p> <p>Consumer - Inhalation; Long term systemic effects: 14.8 mg/m<sup>3</sup></p> <p>Workers - Inhalation; Long term systemic effects: 77 mg/m<sup>3</sup></p> |
| <b>PNEC</b> | <p>- Fresh water; 0.327 mg/l</p> <p style="padding-left: 40px;">- marine water; 0.327 mg/l</p> <p style="padding-left: 40px;">- Intermittent release; 0.327 mg/l</p> <p style="padding-left: 40px;">- STP; 6.58 mg/l</p> <p>- Sediment (Freshwater); 12.46 mg/kg</p> <p>- Sediment (Marinewater); 12.46 mg/kg</p> <p style="padding-left: 40px;">- Soil; 2.31 mg/kg</p>   |

### ACETONE (CAS: 67-64-1)

|             |  |
|-------------|--|
| <b>DNEL</b> | <p>Workers - Dermal; Long term systemic effects: 186 mg/kg/day</p> <p>Workers - Inhalation; Short term local effects: 2420 mg/m<sup>3</sup></p> <p>Workers - Inhalation; Long term systemic effects: 1210 mg/m<sup>3</sup></p> |
|-------------|--|

**EcoMotive Manufacturing Limited - Clean-Drive 450ml**

- PNEC**
- Sediment (Freshwater); 30.4 mg/kg
  - Sediment (Marinewater); 3.04 mg/kg
  - marine water; 1.06 mg/l
  - Soil; 29.5 mg/kg

**BUTAN-1-OL (CAS: 71-36-3)**

- DNEL**
- Consumer - Oral; Long term systemic effects: 3.125 mg/kg/day
  - Consumer - Inhalation; Long term local effects: 55 mg/m<sup>3</sup>
  - Workers - Inhalation; Long term local effects: 310 mg/m<sup>3</sup>

- PNEC**
- Fresh water; 0.082 mg/l
  - Sediment (Freshwater); 0.178 mg/kg
  - Intermittent release; 2.25 mg/l
  - Sediment (Marinewater); 0.0178 mg/kg
  - marine water; 0.0082 mg/l
  - STP; 2476 mg/l
  - Soil; 0.015 mg/kg

**ETHANOL (CAS: 64-17-5)**

- DNEL**
- Consumer - Oral; Long term systemic effects: 87 mg/kg/day
  - Consumer - Dermal; Long term systemic effects: 206 mg/kg/day
  - Workers - Dermal; Long term systemic effects: 343 mg/kg/day
  - Consumer - Inhalation; Short term local effects: 950 mg/m<sup>3</sup>
  - Workers - Inhalation; Short term local effects: 1900 mg/m<sup>3</sup>
  - Consumer - Inhalation; Long term systemic effects: 114 mg/m<sup>3</sup>
  - Workers - Inhalation; Long term systemic effects: 950 mg/m<sup>3</sup>

- PNEC**
- Fresh water; 0.96 mg/l
  - Sediment (Freshwater); 3.6 mg/kg
  - marine water; 0.79 mg/l
  - Soil; 0.63 mg/kg

**PROPAN-2-OL (CAS: 67-63-0)**

- DNEL**
- Workers - Dermal; Long term systemic effects: 888 mg/kg/day
  - Workers - Inhalation; Long term systemic effects: 500 mg/m<sup>3</sup>
  - Consumer - Dermal; Long term systemic effects: 319 mg/kg/day
  - Consumer - Inhalation; Long term systemic effects: 89 mg/m<sup>3</sup>
  - Consumer - Oral; Long term systemic effects: 26 mg/kg/day

- PNEC**
- Fresh water; 140.9 mg/l
  - marine water; 140.9 mg/l
  - Intermittent release; 140.9 mg/l
  - STP; 2251 mg/l
  - Soil; 28 mg/kg
  - Sediment; 552 mg/kg

**8.2. Exposure controls****Eye/face protection**

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible.

**Hand protection**

The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material.

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|                                       |   |
|---------------------------------------|---|
| <b>Other skin and body protection</b> | Wear suitable protective equipment for prolonged exposure and/or high concentrations of vapours, spray or mist. |
| <b>Respiratory protection</b>         | No specific recommendations. If ventilation is inadequate, suitable respiratory protection must be worn.        |

### SECTION 9: Physical and chemical properties

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

|   |  |
|---|--|
| <b>Appearance</b>                                   | Liquid.  |
| <b>Colour</b>                                       | Clear.   |
| <b>Odour</b>  | Solvent.   |
| <b>Odour threshold</b>                              | No information available.  |
| <b>pH</b>   | No information available.  |
| <b>Melting point</b>                                | No information available.  |
| <b>Initial boiling point and range</b>              | 76 (76 TO 138)°C @   |
| <b>Flash point</b>                                  | -18°C Closed cup.  |
| <b>Evaporation rate</b>                             | No information available.  |
| <b>Evaporation factor</b>                           | No information available.  |
| <b>Flammability (solid, gas)</b>                    | No information available.  |
| <b>Upper/lower flammability or explosive limits</b> | Lower flammable/explosive limit: 0.8 % Upper flammable/explosive limit: 15.0 % |
| <b>Vapour pressure</b>                              | No information available.  |
| <b>Vapour density</b>                               | No information available.  |
| <b>Relative density</b>                             | No information available.  |
| <b>Solubility(ies)</b>                              | Slightly soluble in water.   |
| <b>Partition coefficient</b>                        | No information available.  |
| <b>Auto-ignition temperature</b>                    | 355°C  |
| <b>Decomposition Temperature</b>                    | No information available.  |
| <b>Viscosity</b>                                    | No information available.  |
| <b>Explosive properties</b>                         | No information available.  |
| <b>Oxidising properties</b>                         | No information available.  |

#### 9.2. Other information

|                          |       |
|--------------------------|-------|
| <b>Other information</b> | None. |
|--------------------------|-------|

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

|                   |  |
|-------------------|--|
| <b>Reactivity</b> | No test data specifically related to reactivity available for this product or its ingredients. |
|-------------------|--|

#### 10.2. Chemical stability

|                  |  |
|------------------|--|
| <b>Stability</b> | The product may not be stable under some conditions of storage or use. |
|------------------|--|

#### 10.3. Possibility of hazardous reactions

## EcoMotive Manufacturing Limited - Clean-Drive 450ml

**Possibility of hazardous reactions**      None known.

### 10.4. Conditions to avoid

**Conditions to avoid**      Avoid heat, flames and other sources of ignition. Avoid exposure to high temperatures or direct sunlight.

### 10.5. Incompatible materials

**Materials to avoid**      None known.

### 10.6. Hazardous decomposition products

**Hazardous decomposition products**      None at ambient temperatures.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity - oral

**ATE oral (mg/kg)**      10,000.0

#### Acute toxicity - dermal

**ATE dermal (mg/kg)**      2,200.0

#### Acute toxicity - inhalation

**ATE inhalation (vapours mg/l)**      16.92

|   |  |
|---|--|
| <b>Inhalation</b>                       | Harmful if inhaled. May cause respiratory irritation. May cause drowsiness or dizziness. Vapours in high concentrations are narcotic. Vapours may cause headache, fatigue, dizziness and nausea. |
| <b>Ingestion</b>                        | May be fatal if swallowed and enters airways.  |
| <b>Skin contact</b>                     | Causes skin irritation.  |
| <b>Eye contact</b>                      | Causes serious eye damage.   |
| <b>Acute and chronic health hazards</b> | May cause damage to organs through prolonged or repeated exposure. Suspected of causing cancer.  |
| <b>Route of exposure</b>                | Inhalation Ingestion Skin and/or eye contact   |

### Toxicological information on ingredients.

#### XYLENE

#### Acute toxicity - oral

**Acute toxicity oral (LD 50 mg/kg)**      4,300.0

**Species**      Rat

**ATE oral (mg/kg)**      4,300.0

#### Acute toxicity - dermal

**Acute toxicity dermal (LD 50 mg/kg)**      3,200.0

**Species**      Rabbit

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ATE dermal (mg/kg) 1,100.0

Acute toxicity - inhalation

ATE inhalation (vapours mg/l) 11.0

### ACETONE

Acute toxicity - oral

Acute toxicity oral (LD<sub>50</sub> mg/kg) 5,800.0

Species Rat

ATE oral (mg/kg) 5,800.0

Acute toxicity - dermal

Acute toxicity dermal (LD<sub>50</sub> mg/kg) 7,800.0

Species Rabbit

ATE dermal (mg/kg) 7,800.0

Acute toxicity - inhalation

Acute toxicity inhalation (LC<sub>50</sub> vapours mg/l) 21.0

Species Rat

ATE inhalation (vapours mg/l) 21.0

### FUELS DIESEL

Acute toxicity - inhalation

ATE inhalation (vapours mg/l) 11.0

### BUTAN-1-OL

Acute toxicity - oral

Acute toxicity oral (LD<sub>50</sub> mg/kg) 2,001.0

Species Rat

ATE oral (mg/kg) 500.0

Acute toxicity - dermal

Acute toxicity dermal (LD<sub>50</sub> mg/kg) 3,430.0

Species Rabbit

ATE dermal (mg/kg) 3,430.0

Acute toxicity - inhalation

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**Acute toxicity inhalation** 20.1  
(LC<sub>50</sub> vapours mg/l)

**Species** Rat

**ATE inhalation (vapours** 20.1  
**mg/l)**

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#### Acute toxicity - oral

**Acute toxicity oral (LD** 7,060.0  
**s mg/kg)**

**Species** Rat

**ATE oral (mg/kg)** 7,060.0

#### Acute toxicity - dermal

**Acute toxicity dermal (LD** 2,001.0  
**s mg/kg)**

**Species** Rabbit

**ATE dermal (mg/kg)** 2,001.0

#### Acute toxicity - inhalation

**Acute toxicity inhalation** 20,000.0  
(LC<sub>50</sub> vapours mg/l)

**Species** Rat

**ATE inhalation (vapours** 20,000.0  
**mg/l)**

### PROPAN-2-OL

#### Acute toxicity - oral

**Acute toxicity oral (LD** 5,045.0  
**s mg/kg)**

**Species** Rat

**ATE oral (mg/kg)** 5,045.0

#### Acute toxicity - dermal

**Acute toxicity dermal (LD** 12,800.0  
**s mg/kg)**

**Species** Rabbit

**ATE dermal (mg/kg)** 12,800.0

#### Acute toxicity - inhalation

**Acute toxicity inhalation** 30.0  
(LC<sub>50</sub> vapours mg/l)

**Species** Rat

## Eco EcoMotive Manufacturing Limited - Clean-Drive 450ml

ATE inhalation (vapours 30.0  
mg/l)

### SECTION 12: Ecological information

#### 12.1. Toxicity

##### Ecological information on ingredients.

#### XYLENE

##### Acute aquatic toxicity

Acute toxicity - fish LOEC, : >1 - <10 mg/l, Fish

Acute toxicity - aquatic plants LOEC, : >1 - <10 mg/l, Algae

#### ACETONE

##### Acute aquatic toxicity

Acute toxicity - fish EC<sub>50</sub> , 96 hours: 8300 mg/l, Lepomis macrochirus (Bluegill)

Acute toxicity - aquatic invertebrates EC<sub>50</sub> , : 8800 mg/l, Daphnia magna

#### BUTAN-1-OL

##### Acute aquatic toxicity

Acute toxicity - fish LC<sub>50</sub> , 96 hours: 1376 mg/l, Pimephales promelas (Fat-head Minnow)

Acute toxicity - aquatic invertebrates LC<sub>50</sub> , 96 hours: 1328 mg/l, Daphnia magna

Acute toxicity - aquatic plants EC<sub>50</sub> , 96 hours: 225 mg/l, Selenastrum capricornutum

#### ETHANOL

##### Acute aquatic toxicity

Acute toxicity - fish LC<sub>50</sub> , 96 hours: 1030 mg/l, Fish

Acute toxicity - aquatic invertebrates EC<sub>50</sub> , 24 hours: 101 mg/l, Daphnia magna

#### PROPAN-2-OL

##### Acute aquatic toxicity

Acute toxicity - fish LC<sub>50</sub> , 96 hours: 9640 mg/l, Pimephales promelas (Fat-head Minnow)

Acute toxicity - aquatic invertebrates EC<sub>50</sub> , 48 hours: 13299 mg/l, Daphnia magna

Acute toxicity - aquatic plants EC<sub>50</sub> , 72 hours: >1 mg/l, Desmodosmus subspicatus

#### 12.2. Persistence and degradability

**Persistence and degradability** No data available.

#### 12.3. Bioaccumulative potential

## EcoMotive Manufacturing Limited - Clean-Drive 450ml

**Partition coefficient** No information available.

### 12.4. Mobility in soil

**Mobility** No data available

### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

### 12.6. Other adverse effects

**Other adverse effects** None known.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**General information** Dispose of waste product or used containers in accordance with local regulations Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities.

**Disposal methods** Containers should be thoroughly emptied before disposal because of the risk of an explosion. Do not pierce or burn, even after use.

**Waste class** The waste code classification is to be carried out according to the European Waste Catalogue (EWC).

## SECTION 14: Transport information

### 14.1. UN number

**UN No. (ADR/RID)** 1993

**UN No. (IMDG)** 1993

**UN No. (ICAO)** 1993

**UN No. (ADN)** 1993

### 14.2. UN proper shipping name

**Proper shipping name (ADR/RID)** FLAMMABLE LIQUID, N.O.S.

**Proper shipping name (IMDG)** FLAMMABLE LIQUID, N.O.S.

**Proper shipping name (ICAO)** FLAMMABLE LIQUID, N.O.S.

**Proper shipping name (ADN)** FLAMMABLE LIQUID, N.O.S.

### 14.3. Transport hazard class(es)

**ADR/RID class** 3

**ADR/RID classification code** F1

**ADR/RID label** 3

**IMDG class** 3

**ICAO class/division** 3

**ADN class** 3

# EcoMotive Manufacturing Limited - Clean-Drive 450ml

## Transport labels



### 14.4. Packing group

|                       |    |
|-----------------------|----|
| ADR/RID packing group | II |
| IMDG packing group    | II |
| ICAO packing group    | II |
| ADN packing group     | II |

### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

### 14.6. Special precautions for user

|  |          |
|--|----------|
| EmS                                    | F-E, S-E |
| ADR transport category                 | 2        |
| Emergency Action Code                  | •3YE     |
| Hazard Identification Number (ADR/RID) | 33       |
| Tunnel restriction code                | (D/E)    |

### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

## SECTION 15: Regulatory information

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

|                |  |
|----------------|--|
| EU legislation | 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 (as amended).<br>Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).<br>Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste. |
|----------------|--|

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

## SECTION 16: Other information

|               |            |
|---------------|------------|
| Revision date | 20/05/2019 |
| Revision      | 1          |
| SDS number    | 7874       |

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|                                  |  |
|----------------------------------|--|
| <b>Hazard statements in full</b> | H225 Highly flammable liquid and vapour.<br>H226 Flammable liquid and vapour.<br>H302 Harmful if swallowed.<br>H304 May be fatal if swallowed and enters airways.<br>H312 Harmful in contact with skin.<br>H315 Causes skin irritation.<br>H318 Causes serious eye damage.<br>H319 Causes serious eye irritation.<br>H332 Harmful if inhaled.<br>H335 May cause respiratory irritation.<br>H336 May cause drowsiness or dizziness.<br>H351 Suspected of causing cancer.<br>H373 May cause damage to organs through prolonged or repeated exposure.<br>H411 Toxic to aquatic life with long lasting effects.<br>H412 Harmful to aquatic life with long lasting effects. |
|----------------------------------|--|

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.