# Green Line - CLEARVUE GLASS CLEAN

Safety Data Sheet

according to Regulation (EC) No. 453/2010

Date of issue: 12/08/2015 Revision date: : Version: 1.1

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

### 1.1. Product identifier

Product form : Mixture

Product name : Green Line - CLEARVUE GLASS CLEAN

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

#### 1.2.1. Relevant identified uses

Intended for general public

Main use category : Consumer use

Use of the substance/mixture : Automotive Care Products.

#### 1.2.2. Uses advised against

No additional information available

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

Turtle Wax Europe Limited
4th Floor Alaska House, Atlantic Park, Dunnings Bridge Road
Liverpool, L30 4AB - United Kingdom
T +44 151 530 4740
MSDS@turtlewaxeurope.com

### 1.4. Emergency telephone number

Emergency number : +44 151 530 4740
Office hours only 08:30 - 17:00

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

**Classification according to Regulation (EC) No. 1272/2008 [CLP]**

Not classified

### 2.2. Label elements

**Labelling according to Regulation (EC) No. 1272/2008 [CLP]**

Precautionary statements (CLP) : P102 - Keep out of reach of children

### 2.3. Other hazards

Adverse physicochemical, human health and environmental effects : To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.

Other hazards not contributing to the classification : None under normal conditions.

## SECTION 3: Composition/information on ingredients

### 3.1. Substance

Not applicable

### 3.2. Mixture

| Name | Product identifier | % | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|---|---|---|---|
| 2-BUTOXYETHANOL | (CAS No) 111-76-2<br>(EC no) 203-905-0<br>(EC index no) 603-014-00-0<br>(REACH-no) 01-2119475108-36 | 1 - 10 | Acute Tox. 4 (Inhalation), H332<br>Eye Irrit. 2, H319<br>Skin Irrit. 2, H315 |
| 3-BUTOXYPROPAN-2-OL | (CAS No) 5131-66-8<br>(EC no) 225-878-4<br>(EC index no) 603-052-00-8<br>(REACH-no) 01-2119475527-28 | 1 - 10 | Eye Irrit. 2, H319<br>Skin Irrit. 2, H315 |

| | | | |
|---|---|---|---|
| propan-2-ol | (CAS No) 67-63-0<br>(EC no) 200-661-7<br>(EC index no) 603-117-00-0<br>(REACH-no) 01-2119457558-25 | 1 - 10 | Flam. Liq. 2, H225<br>STOT SE 3, H336<br>Eye Irrit. 2, H319 |
| METHOXY-2-PROPANOL | (CAS No) 107-98-2<br>(EC no) 203-539-1<br>(EC index no) 603-064-00-3<br>(REACH-no) 01-2119457435-35 | 1 - 10 | Flam. Liq. 3, H226<br>STOT SE 3, H336 |
| DIOCTYL SODIUM SULPHOSUCCINATE | (CAS No) 577-11-7<br>(EC no) 209-406-4<br>(REACH-no) 01-2119491296-29 | 0.1 - 1 | Skin Irrit. 2, H315<br>Eye Dam. 1, H318 |
| Ethanol | (CAS No) 64-17-5<br>(EC no) 200-578-6<br>(EC index no) 603-002-00-5<br>(REACH-no) 01-2119457610-43 | < 0.1 | Flam. Liq. 2, H225<br>Eye Irrit. 2, H319 |
| METHOXYPROPANOL | (CAS No) 1589-47-5<br>(EC no) 216-455-5<br>(EC index no) 603-106-00-0 | < 0.1 | Flam. Liq. 3, H226<br>Repr. 1B, H360D<br>STOT SE 3, H335<br>Skin Irrit. 2, H315<br>Eye Dam. 1, H318 |
| Pyrithione Zinc | (CAS No) 13463-41-7 | < 0.1 | Acute Tox. 4 (Oral), H302<br>Acute Tox. 4 (Inhalation:dust,mist), H332<br>Eye Dam. 1, H318<br>Aquatic Acute 1, H400 |
| 2-methylisothiazol-3(2H)-one | (CAS No) 2682-20-4 | < 0.1 | Acute Tox. 4 (Oral), H302<br>Acute Tox. 3 (Inhalation:dust,mist), H331<br>Skin Corr. 1B, H314<br>Skin Sens. 1, H317<br>Aquatic Acute 1, H400 |
| Partially Fluorinated Alkyl Polyether | (CAS No) 000-00-1 | < 0.1 | Acute Tox. 4 (Oral), H302<br>Aquatic Chronic 3, H412 |
| 1,2-Benzisothiazolin-3-one | (CAS No) 2634-33-5<br>(EC no) 220-120-9<br>(EC index no) 613-088-00-6 | < 0.1 | Acute Tox. 4 (Oral), H302<br>Skin Irrit. 2, H315<br>Eye Dam. 1, H318<br>Skin Sens. 1, H317<br>Aquatic Acute 1, H400 |

**Specific concentration limits:**

| Name | Product identifier | Specific concentration limits |
|---|---|---|
| 1,2-Benzisothiazolin-3-one | (CAS No) 2634-33-5<br>(EC no) 220-120-9<br>(EC index no) 613-088-00-6 | (C >= 0.05) Skin Sens. 1, H317 |

Full text of H-phrases: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general : If you feel unwell, seek medical advice (show the label where possible).

First-aid measures after inhalation : Not expected to present a significant hazard under anticipated conditions of normal use.

First-aid measures after skin contact : Wash skin with plenty of water.

First-aid measures after eye contact : Rinse eyes with water as a precaution.

First-aid measures after ingestion : Not expected to present a significant hazard under anticipated conditions of normal use. Rinse mouth.

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

Symptoms/injuries : To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.

Symptoms/injuries after inhalation : None under normal use.

Symptoms/injuries after skin contact : May cause slight irritation.

Symptoms/injuries after eye contact : May cause slight irritation.

Symptoms/injuries after ingestion : May cause slight irritation.

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

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

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

Fire hazard : The product is not flammable.

Explosion hazard : Product is not explosive.

| | | |
|---|---|---|
| Reactivity in case of fire | : | Not known. |
| Hazardous decomposition products in case of fire | : | Toxic fumes may be released. |

### 5.3. Advice for firefighters

| | | |
|---|---|---|
| Precautionary measures fire | : | Not applicable. |
| Firefighting instructions | : | Use extinguishing media appropriate for surrounding fire. |
| Protection during firefighting | : | Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing. |

## SECTION 6: Accidental release measures

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

General measures : Avoid release to the environment.

#### 6.1.1. For non-emergency personnel

| | | |
|---|---|---|
| Protective equipment | : | Not required for normal conditions of use. |
| Emergency procedures | : | Ventilate spillage area. |

#### 6.1.2. For emergency responders

| | | |
|---|---|---|
| Protective equipment | : | Not required for normal conditions of use. For further information refer to section 8: "Exposure controls/personal protection". |
| Emergency procedures | : | Ventilate area. Stop leak if safe to do so. |

### 6.2. Environmental precautions

Avoid release to the environment.

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

| | | |
|---|---|---|
| For containment | : | Collect spillage. |
| Methods for cleaning up | : | Take up liquid spill into absorbent material. Shovel into suitable and closed container for disposal. This material and its container must be disposed of in a safe way, and as per local legislation. |
| Other information | : | Dispose of materials or solid residues at an authorized site. |

### 6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". For disposal of solid materials or residues refer to section 13 : "Disposal considerations".

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

| | | |
|---|---|---|
| Precautions for safe handling | : | Ensure good ventilation of the work station. Wear personal protective equipment. |
| Hygiene measures | : | Always wash hands after handling the product. Do not eat, drink or smoke when using this product. |

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

| | | |
|---|---|---|
| Storage conditions | : | Store in a well-ventilated place. Keep cool. Store in original container. |
| Packaging materials | : | Keep only in original container. |

### 7.3. Specific end use(s)

Automotive Care Products.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

| **Ethanol (64-17-5)** | | |
|---|---|---|
| United Kingdom | Local name | Ethanol |
| United Kingdom | WEL TWA (mg/m³) | 1920 mg/m³ |
| United Kingdom | WEL TWA (ppm) | 1000 ppm |
| **METHOXY-2-PROPANOL (107-98-2)** | | |
| United Kingdom | Local name | 1-Methoxypropan-2-ol |
| United Kingdom | WEL TWA (mg/m³) | 375 mg/m³ |
| United Kingdom | WEL TWA (ppm) | 100 ppm |
| United Kingdom | WEL STEL (mg/m³) | 560 mg/m³ |
| United Kingdom | WEL STEL (ppm) | 150 ppm |
| United Kingdom | Remark (WEL) | Sk |
| **propan-2-ol (67-63-0)** | | |
| United Kingdom | Local name | Propan-2-ol |
| United Kingdom | WEL TWA (mg/m³) | 999 mg/m³ |

| propan-2-ol (67-63-0) | | |
|---|---|---|
| United Kingdom | WEL TWA (ppm) | 400 ppm |
| United Kingdom | WEL STEL (mg/m³) | 1250 mg/m³ |
| United Kingdom | WEL STEL (ppm) | 500 ppm |

| 2-BUTOXYETHANOL (111-76-2) | | |
|---|---|---|
| United Kingdom | Local name | 2-Butoxyethanol |
| United Kingdom | WEL TWA (mg/m³) | 123 mg/m³ |
| United Kingdom | WEL TWA (ppm) | 25 ppm |
| United Kingdom | WEL STEL (mg/m³) | 246 mg/m³ |
| United Kingdom | WEL STEL (ppm) | 50 ppm |
| United Kingdom | Remark (WEL) | Sk, BMGV |

### 8.2. Exposure controls

Appropriate engineering controls : Ensure good ventilation of the work station.

Personal protective equipment : Not required for normal conditions of use.

Hand protection : Protective gloves

Eye protection : Safety glasses

Skin and body protection : Wear suitable protective clothing

Respiratory protection : Not required for normal conditions of use

Environmental exposure controls : Avoid release to the environment.

## SECTION 9: Physical and chemical properties

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

Physical state : Liquid

Colour : clear.

Odour : characteristic.

Odour threshold : No data available

pH : 3.4 - 3.9

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

Melting point : Not applicable

Freezing point : No data available

Boiling point : No data available

Flash point : > 58 °C

Auto-ignition temperature : No data available

Decomposition temperature : No data available

Flammability (solid, gas) : Not applicable

Vapour pressure : No data available

Relative vapour density at 20 °C : No data available

Relative density : 0.993 - 1.003

Solubility : No data available

Log Pow : No data available

Viscosity, kinematic : No data available

Viscosity, dynamic : No data available

Explosive properties : Product is not explosive.

Oxidising properties : Oxidising liquids Not applicable.

Explosive limits : No data available

### 9.2. Other information

Refractive index : 1.341 - 1.343

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

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

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

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

### 10.5. Incompatible materials

Acids. Oxidizing agent.

### 10.6. Hazardous decomposition products

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

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity : Not classified

| 1,2-Benzisothiazolin-3-one (2634-33-5) | |
|---|---|
| LD50 oral | 1020 mg/kg bodyweight |
| LD50 dermal | > 2000 mg/kg bodyweight |
| LC50 inhalation rat (Dust/Mist - mg/l/4h) | 100 mg/m³ |
| **DIOCTYL SODIUM SULPHOSUCCINATE (577-11-7)** | |
| LD50 oral | 4620 mg/kg bodyweight |
| LD50 dermal | > 10000 mg/kg bodyweight |
| LC50 inhalation rat (Dust/Mist - mg/l/4h) | 20000 mg/m³ |

| Ethanol (64-17-5) | |
|---|---|
| LD50 oral | 10470 mg/kg bodyweight |
| LD50 dermal | 15800 mg/kg bodyweight |
| LC50 inhalation rat (Dust/Mist - mg/l/4h) | > 99999 mg/m³ |
| **METHOXY-2-PROPANOL (107-98-2)** | |
| LD50 oral | 3739 mg/kg bodyweight |
| LD50 dermal | > 2000 mg/kg bodyweight |
| LC50 inhalation rat (Dust/Mist - mg/l/4h) | > 26315 mg/m³ |
| **propan-2-ol (67-63-0)** | |
| LD50 oral | 4396 mg/kg bodyweight |
| LD50 dermal | 12800 mg/kg bodyweight |
| LC50 inhalation rat (Dust/Mist - mg/l/4h) | 46600 mg/m³ |
| **2-BUTOXYETHANOL (111-76-2)** | |
| LD50 oral | 1746 mg/kg bodyweight |
| LD50 dermal | 435 mg/kg bodyweight |
| LC50 inhalation rat (mg/l) | 11 ppm/4h |
| LC50 inhalation rat (Dust/Mist - mg/l/4h) | 2200 mg/m³ |

Skin corrosion/irritation : Not classified
pH: 3.4 - 3.9

Serious eye damage/irritation : Not classified
pH: 3.4 - 3.9

Respiratory or skin sensitisation : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

Specific target organ toxicity (single exposure) : Not classified

Specific target organ toxicity (repeated exposure) : Not classified

Aspiration hazard : Not classified

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

Ecology - water : The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

| 1,2-Benzisothiazolin-3-one (2634-33-5) | |
|---|---|
| LC50 fish 1 | > 1.6 mg/l |
| EC50 other aquatic organisms 1 | > 1.35 mg/l EC50 waterflea (48 h) |
| EC50 other aquatic organisms 2 | > 0.07 mg/l IC50 algea (72 h) mg/l |
| **DIOCTYL SODIUM SULPHOSUCCINATE (577-11-7)** | |
| LC50 fish 1 | 28 mg/l |
| EC50 other aquatic organisms 1 | 36 mg/l |
| EC50 other aquatic organisms 2 | IC50 algea (72 h) mg/l |

| Ethanol (64-17-5) | |
|---|---|
| LC50 fish 1 | 14200 mg/l |
| EC50 other aquatic organisms 1 | 5012 mg/l EC50 waterflea (48 h) |
| EC50 other aquatic organisms 2 | 275 mg/l IC50 algea (72 h) mg/l |
| **METHOXY-2-PROPANOL (107-98-2)** | |
| LC50 fish 1 | > 4600 mg/l |
| EC50 other aquatic organisms 1 | 23300 mg/l EC50 waterflea (48 h) |
| EC50 other aquatic organisms 2 | > 500 mg/l IC50 algea (72 h) mg/l |
| **propan-2-ol (67-63-0)** | |
| LC50 fish 1 | 9640 mg/l |
| EC50 other aquatic organisms 1 | 13299 mg/l EC50 waterflea (48 h) |
| EC50 other aquatic organisms 2 | > 1000 mg/l IC50 algea (72 h) mg/l |
| **2-BUTOXYETHANOL (111-76-2)** | |
| LC50 fish 1 | 1474 mg/l |
| EC50 other aquatic organisms 1 | 1550 mg/l EC50 waterflea (48 h) |
| EC50 other aquatic organisms 2 | 911 mg/l IC50 algea (72 h) mg/l |

### 12.2. Persistence and degradability

| Green Line - CLEARVUE GLASS CLEAN | |
|---|---|
| Persistence and degradability | Not established. |

### 12.3. Bioaccumulative potential

| Green Line - CLEARVUE GLASS CLEAN | |
|---|---|
| Bioaccumulative potential | Not established. |
| **1,2-Benzisothiazolin-3-one (2634-33-5)** | |
| Log Pow | 0.64 |
| **DIOCTYL SODIUM SULPHOSUCCINATE (577-11-7)** | |
| Log Pow | 6.1 |
| **Ethanol (64-17-5)** | |
| Log Pow | -0.3 |
| **METHOXY-2-PROPANOL (107-98-2)** | |
| Log Pow | -0.49 |
| **propan-2-ol (67-63-0)** | |
| Log Pow | 0.14 |
| **2-BUTOXYETHANOL (111-76-2)** | |
| Log Pow | 0.83 |

### 12.4. Mobility in soil

| Green Line - CLEARVUE GLASS CLEAN | |
|---|---|
| Ecology - soil | Not established. |

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Other adverse effects

Other adverse effects : None known.

Additional information : Avoid release to the environment

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Regional legislation (waste) : Disposal must be done according to official regulations.

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

## 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

| | | |
|---|---|---|
| Proper Shipping Name (ADR) | : | Not applicable |
| Proper Shipping Name (IMDG) | : | Not applicable |
| Proper Shipping Name (IATA) | : | Not applicable |
| Proper Shipping Name (ADN) | : | Not applicable |
| Proper Shipping Name (RID) | : | Not applicable |

### 14.3. Transport hazard class(es)

**ADR**

| | | |
|---|---|---|
| Transport hazard class(es) (ADR) | : | Not applicable |

**IMDG**

| | | |
|---|---|---|
| Transport hazard class(es) (IMDG) | : | Not applicable |

**IATA**

| | | |
|---|---|---|
| Transport hazard class(es) (IATA) | : | Not applicable |

**ADN**

| | | |
|---|---|---|
| Transport hazard class(es) (ADN) | : | Not applicable |

**RID**

| | | |
|---|---|---|
| Transport hazard class(es) (RID) | : | Not applicable |

### 14.4. Packing group

| | | |
|---|---|---|
| Packing group (ADR) | : | Not applicable |
| Packing group (IMDG) | : | Not applicable |
| Packing group (IATA) | : | Not applicable |
| Packing group (ADN) | : | Not applicable |
| Packing group (RID) | : | Not applicable |

### 14.5. Environmental hazards

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

### 14.6. Special precautions for user

**- Overland transport**

No data available

**- Transport by sea**

No data available

**- Air transport**

No data available

**- Inland waterway transport**

| | | |
|---|---|---|
| Carriage prohibited (ADN) | : | No |
| Not subject to ADN | : | No |

**- Rail transport**

| | | |
|---|---|---|
| Carriage prohibited (RID) | : | No |

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 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

Contains no REACH Annex XIV substances

Detergent Regulation : Ingredient data sheet:

| Component | CAS No | % |
|---|---|---|
| AQUA | 7732-18-5 | >=10% |
| BUTOXYETHANOL | 111-76-2 | 1 - 10% |
| 3-BUTOXYPROPAN-2-OL | 5131-66-8 | 1 - 10% |
| ISOPROPYL ALCOHOL | 67-63-0 | 1 - 10% |
| METHOXYISOPROPANOL | 107-98-2 | 1 - 10% |
| ACETIC ACID | 64-19-7 | 0.1 - 1% |
| DIETHYLHEXYL SODIUM SULFOSUCCINATE | 577-11-7 | 0.1 - 1% |
| ALCOHOL | 64-17-5 | <0.1% |
| METHOXYPROPANOL | 1589-47-5 | <0.1% |
| Pyrithione Zinc | 13463-41-7 | <0.1% |
| 2-methylisothiazol-3(2H)-one | 2682-20-4 | <0.1% |
| Partially Fluorinated Alkyl Polyether | 000-00-1 | <0.1% |
| BENZISOTHIAZOLINONE | 2634-33-5 | <0.1% |

Detergent Regulation : Labelling of contents:

| Component | % |
|---|---|
| BENZISOTHIAZOLINONE | |

#### 15.1.2. National regulations

No additional information available

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

Full text of H- and EUH-statements:

| | |
|---|---|
| Acute Tox. 3 (Inhalation:dust,mist) | Acute toxicity (inhalation:dust,mist) Category 3 |
| Acute Tox. 4 (Inhalation) | Acute toxicity (inhal.), Category 4 |
| 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 3 | Hazardous to the aquatic environment — Chronic Hazard, Category 3 |
| Eye Dam. 1 | Serious eye damage/eye irritation, Category 1 |
| Eye Irrit. 2 | Serious eye damage/eye irritation, Category 2 |
| Flam. Liq. 2 | Flammable liquids, Category 2 |
| Flam. Liq. 3 | Flammable liquids, Category 3 |
| Repr. 1B | Reproductive toxicity, Category 1B |
| Skin Corr. 1B | Skin corrosion/irritation, Category 1B |
| Skin Irrit. 2 | Skin corrosion/irritation, Category 2 |
| Skin Sens. 1 | Sensitisation — Skin, category 1 |
| STOT SE 3 | Specific target organ toxicity — Single exposure, Category 3, Narcosis |
| STOT SE 3 | Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation |
| H225 | Highly flammable liquid and vapour |
| H226 | Flammable liquid and vapour |
| H302 | Harmful if swallowed |
| H314 | Causes severe skin burns and eye damage |
| H315 | Causes skin irritation |
| H317 | May cause an allergic skin reaction |
| H318 | Causes serious eye damage |
| H319 | Causes serious eye irritation |

| | |
|---|---|
| H331 | Toxic if inhaled |
| H332 | Harmful if inhaled |
| H335 | May cause respiratory irritation |
| H336 | May cause drowsiness or dizziness |
| H360D | May damage the unborn child |
| H400 | Very toxic to aquatic life |
| H412 | Harmful to aquatic life with long lasting effects |

SDS EU TURTLEWAX

*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*