



Green Line - ALL WHEEL CLEANER

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 - ALL WHEEL CLEANER

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]

Eye Dam. 1 H318
Skin Sens. 1 H317

Full text of H-statements: see section 16

2.2. Label elements

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

Hazard pictograms (CLP) :  
GHS05 GHS07

Signal word (CLP) : Danger
Hazardous ingredients : sodium mercaptoacetate, Sulphonic Acid C14-16 Alkane hydroxy and C14-16 alkene; sodium salts (=Sodium C14-16 Olefin Sulphonate), Sodium dodecyl benzene sulphonate
Hazard statements (CLP) : H317 - May cause an allergic skin reaction
H318 - Causes serious eye damage
Precautionary statements (CLP) : P102 - Keep out of reach of children
P261 - Avoid breathing vapours, spray, mist, fume
P272 - Contaminated work clothing should not be allowed out of the workplace
P280 - Wear eye protection, protective gloves, protective clothing
P302+P352 - IF ON SKIN: Wash with plenty of water
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P310 - Immediately call a doctor
P321 - Specific treatment (see 4.1. First aid measures on this label)
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention
P362+P364 - Take off contaminated clothing and wash it before reuse
P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation

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2.3. Other hazards

Adverse physicochemical, human health and environmental effects : May cause an allergic skin reaction. Causes serious eye damage.

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]
sodium mercaptoacetate	(CAS No) 367-51-1 (EC no) 206-696-4 (REACH-no) 01-2119968564-24	1 - 10	Acute Tox. 3 (Oral), H301 Acute Tox. 4 (Dermal), H312 Skin Sens. 1, H317
alanine;N-coco alkyl deriv.; sodium salts	(CAS No) 68608-68-4 (EC no) 271-795-1	1 - 10	Eye Irrit. 2, H319
2-BUTOXYETHANOL	(CAS No) 111-76-2 (EC no) 203-905-0 (EC index no) 603-014-00-0 (REACH-no) 01-2119475108-36	1 - 10	Acute Tox. 4 (Inhalation), H332 Eye Irrit. 2, H319 Skin Irrit. 2, H315
Sulphonic Acid C14-16 Alkane hydroxy and C14-16 alkene; sodium salts (=Sodium C14-16 Olefin Sulphonate)	(CAS No) 68439-57-6 (EC no) 270-407-8 (REACH-no) 01-2119513401-57	1 - 10	Skin Irrit. 2, H315 Eye Dam. 1, H318
Sodium dodecyl benzene sulphonate	(CAS No) 25155-30-0 (EC no) 246-680-4	1 - 10	Skin Irrit. 2, H315 Eye Dam. 1, H318

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 required for normal conditions of use. If experiencing respiratory symptoms: Remove person to fresh air and keep comfortable for breathing.

First-aid measures after skin contact : Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.

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

First-aid measures after ingestion : Not expected to present a significant hazard under anticipated conditions of normal use. Rinse mouth. Get medical advice/attention if you feel unwell.

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

Symptoms/injuries after inhalation : May cause an allergic skin reaction.

Symptoms/injuries after skin contact : May cause an allergic skin reaction.

Symptoms/injuries after eye contact : Serious damage to eyes.

Symptoms/injuries after ingestion : May cause irritation to the respiratory tract.

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.

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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

6.1.1. For non-emergency personnel

Protective equipment : Wear suitable protective clothing, gloves and eye or face protection.
Emergency procedures : Ventilate spillage area. Avoid contact with skin and eyes. Do not breathe vapours. Mark out the contaminated area with signs and prevent access to unauthorized personnel.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. Avoid breathing vapours. Avoid contact with skin and eyes. For further information refer to section 8: "Exposure controls/personal protection".
Emergency procedures : Ventilate area. Stop leak if safe to do so. Mark out the contaminated area with signs and prevent access to unauthorized personnel.

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 : This material and its container must be disposed of as hazardous waste.

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. Avoid contact with skin and eyes. Avoid breathing vapours, spray, mist, fume. Wear personal protective equipment. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.
Hygiene measures : Always wash hands after handling the product. Do not eat, drink or smoke when using this product. Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep container tightly closed. 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

2-BUTOXYETHANOL (111-76-2)		
United Kingdom	Local name	2-Butoxyethanol
United Kingdom	WEL TWA (mg/m ³)	123 mg/m ³
United Kingdom	WEL TWA (ppm)	25 ppm
United Kingdom	WEL STEL (mg/m ³)	246 mg/m ³
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 : Gloves. Protective goggles. Safety glasses.

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Hand protection	: Protective gloves
Eye protection	: Safety glasses
Skin and body protection	: Wear suitable protective clothing
Respiratory protection	: In case of insufficient ventilation, wear suitable respiratory equipment



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	: pink. Yellow.
Odour	: characteristic.
Odour threshold	: No data available
pH	: 8 - 8.4
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: No data available
Flash point	: > 95 °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	: 1.057 - 1.087
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	: 1.3676 - 1.3696
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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.

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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

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/m ³

sodium mercaptoacetate (367-51-1)	
LD50 oral rat	200 mg/kg
LD50 oral	504 mg/kg bodyweight
LD50 dermal rat	2000 mg/kg
LD50 dermal	> 1000 mg/kg bodyweight

Sulphonic Acid C14-16 Alkane hydroxy and C14-16 alkene; sodium salts (=Sodium C14-16 Olefin Sulphonate) (68439-57-6)	
LD50 oral	578 mg/kg bodyweight
LD50 dermal	> 2000 mg/kg bodyweight
LC50 inhalation rat (Dust/Mist - mg/l/4h)	> 52000 mg/m ³

Sodium dodecyl benzene sulphonate (25155-30-0)	
LD50 oral	1086 mg/kg bodyweight
LD50 dermal	> 1000 mg/kg bodyweight

Skin corrosion/irritation : Not classified
pH: 8 - 8.4

Serious eye damage/irritation : Causes serious eye damage.
pH: 8 - 8.4

Respiratory or skin sensitisation : May cause an allergic skin reaction.

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.

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 algae (72 h) mg/l

sodium mercaptoacetate (367-51-1)	
LC50 fish 1	> 100 mg/l
EC50 other aquatic organisms 1	38 mg/l
EC50 other aquatic organisms 2	IC50 algae (72 h) mg/l

Sulphonic Acid C14-16 Alkane hydroxy and C14-16 alkene; sodium salts (=Sodium C14-16 Olefin Sulphonate) (68439-57-6)	
LC50 fish 1	> 1 mg/l
EC50 other aquatic organisms 1	> 1 mg/l
EC50 other aquatic organisms 2	IC50 algae (72 h) mg/l

Sodium dodecyl benzene sulphonate (25155-30-0)	
LC50 fish 1	6 mg/l
EC50 other aquatic organisms 1	6.9 mg/l EC50 waterflea (48 h)
EC50 other aquatic organisms 2	> 50 mg/l IC50 algae (72 h) mg/l

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12.2. Persistence and degradability

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Persistence and degradability	Not established.
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12.3. Bioaccumulative potential

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Bioaccumulative potential	Not established.
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2-BUTOXYETHANOL (111-76-2)

Log Pow	0.83
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sodium mercaptoacetate (367-51-1)

Log Pow	-3.78
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Sodium dodecyl benzene sulphonate (25155-30-0)

Log Pow	1.96
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12.4. Mobility in soil

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Ecology - soil	Not established.
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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 of contents/container to a hazardous or special waste collection point.

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

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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
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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%
ELTESOL SX40		1 - 10%
SODIUM THIOGLYCOLATE	367-51-1	1 - 10%
alanine;N-coco alkyl deriv.; sodium salts	68608-68-4	1 - 10%
BUTOXYETHANOL	111-76-2	1 - 10%
SODIUM C14-16 OLEFIN SULFONATE	68439-57-6	1 - 10%
SODIUM DODECYLBENZENESULFONATE	25155-30-0	1 - 10%
C9-11 ALCOHOL ETHOXYLATE 6-8 MOLES OF EO	68439-46-3	0.1 - 1%
SODIUM HYDROXIDE	1310-73-2	<0.1%
CITRONELLYL NITRILE	51566-62-2	<0.1%
(L) LIMONENE	5989-27-5	<0.1%
TERPINEOL ACETATE	8007-35-0	<0.1%
LINALYL ACETATE	115-95-7	<0.1%
2;6-DIMETHYL-7-OCTEN-2-OL	18479-58-8	<0.1%
Pyrithione Zinc	13463-41-7	<0.1%
2-methylisothiazol-3(2H)-one	2682-20-4	<0.1%
DECANAL	112-31-2	<0.1%
BENZOPHENONE	119-61-9	<0.1%
Ethylene brassylate	105-95-3	<0.1%
BENZISOTHIAZOLINONE	2634-33-5	<0.1%
UNDECANAL	112-44-7	<0.1%
Geranyl Acetate	105-87-3	<0.1%
Partially Fluorinated Alkyl Polyether	000-00-1	<0.1%
ALLYL CAPROATE	123-68-2	<0.1%

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Detergent Regulation : Labelling of contents:

Component	%
anionic surfactants	<5%
BENZISOTHIAZOLINONE	
Parfum	

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 (Oral)	Acute toxicity (oral), Category 3
Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Sensitisation — Skin, category 1
H301	Toxic if swallowed
H312	Harmful in contact with skin
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H319	Causes serious eye irritation
H332	Harmful if inhaled

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