



ZIP WAX

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830
Date of issue: 20/12/2016 Revision date: :

Version: 1.1

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

1.1. Product identifier

Product form : Mixtures
Product name : ZIP WAX
Product code : F3357000.02

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,
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 Irrit. 2 H319

Full text of hazard classes and H-statements : see section 16

2.2. Label elements

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

Hazard pictograms (CLP) :



GHS07

Signal word (CLP) : Warning
Hazard statements (CLP) : H319 - Causes serious eye irritation.
Precautionary statements (CLP) : P102 - Keep out of reach of children.
P264 - Wash hands thoroughly after handling.
P280 - Wear protective gloves, eye protection, face protection.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 - If eye irritation persists: Get medical advice/attention.

2.3. Other hazards

Adverse physicochemical, human health and environmental effects : Causes serious eye irritation.
Other hazards not contributing to the classification : If spilled, may cause the floor to be slippery.

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

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3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
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
Benzenesulfonic acid; 4-C10-13-sec-alkylderivs.	(CAS No) 85536-14-7 (EC No) 287-494-3 (REACH-no) 01-2119490234-40	1 - 10	Acute Tox. 4 (Oral), H302 Skin Corr. 1C, H314 Eye Dam. 1, H318 Aquatic Chronic 3, H412
DIPHENYL ETHER substance with a Community workplace exposure limit	(CAS No) 101-84-8 (EC No) 202-981-2 (REACH-no) 01-2119472545-33	< 0.1	Eye Irrit. 2, H319 Aquatic Chronic 2, H411

Full text of H-statements: 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. If skin irritation 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. If eye irritation persists: Get medical advice/attention.
- First-aid measures after ingestion : Rinse mouth. Do not induce vomiting. Get medical advice/attention if you feel unwell.

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

- Symptoms/injuries after inhalation : None under normal use.
- Symptoms/injuries after skin contact : May cause skin irritation.
- Symptoms/injuries after eye contact : Causes serious eye irritation.
- Symptoms/injuries after ingestion : Ingestion may cause nausea, vomiting and diarrhea. May cause irritation to the digestive tract.

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

Treat symptomatically.

SECTION 5: Fire-fighting 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 : Spilled material may present a slipping hazard. Clear spills immediately.

6.1.1. For non-emergency personnel

- Protective equipment : Use personal protective equipment as required. Eye protection should only be necessary where liquid could be splashed or sprayed. Where there is a possibility of leakage, wear the secure non-slip shoes. For further information refer to section 8: "Exposure controls/personal protection".
- Emergency procedures : Ventilate spillage area. Stop release. Do not touch or walk on the spilled product. Avoid contact with eyes.

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6.1.2. For emergency responders

- Protective equipment : Use personal protective equipment as required. For further information refer to section 8: "Exposure controls/personal protection". Eye protection should only be necessary where liquid could be splashed or sprayed. Avoid contact with eyes. Where there is a possibility of leakage, wear the secure non-slip shoes.
- Emergency procedures : Ventilate area. Stop release. Do not touch or walk on the spilled product.

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 : Clean up any spills as soon as possible, using an absorbent material to collect it. Take up liquid spill into absorbent material. Place in a suitable container for disposal in accordance with the waste regulations (see Section 13). This material and its container must be disposed of in a safe way, and as per local legislation.
- Other information : Dispose in a safe manner in accordance with local/national regulations.

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 : Use personal protective equipment as required. Observe the label precautions. Avoid contact with eyes. Keep out of reach of children.
- 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. Protect against frost. Keep container closed when not in use.
- Storage area : Store in a well-ventilated place. Keep out of frost.
- 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

DIPHENYL ETHER (101-84-8)		
United Kingdom	Local name	Diphenyl ether
United Kingdom	WEL TWA (mg/m ³)	7.1 mg/m ³ vapour
United Kingdom	WEL TWA (ppm)	1 ppm vapour

8.2. Exposure controls

- Appropriate engineering controls : Ensure adequate ventilation.
- Personal protective equipment : In case of splash hazard: safety glasses.
- Materials for protective clothing : Wear suitable working clothes
- Hand protection : Protective gloves
- Eye protection : Eye protection should only be necessary where liquid could be splashed or sprayed
- 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.
- Consumer exposure controls : Read label before use. Observe the label precautions.

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: Green.
Odour	: perfumed.
Odour threshold	: No data available
pH	: 8.3
Relative evaporation rate (butylacetate=1)	: < 1
Melting point	: 0 °C Not applicable
Freezing point	: No data available
Boiling point	: 100
Flash point	: No data available
Auto-ignition temperature	: > 200
Decomposition temperature	: No data available
Flammability (solid, gas)	: Not applicable
Vapour pressure	: 2300 Pa
Relative vapour density at 20 °C	: No data available
Relative density	: 1.025
Solubility	: Soluble in water.
Log Pow	: No data available
Viscosity, kinematic	: 650 mm ² /s
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	: 1.36 - 1.362
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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.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	: Not classified
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DIPHENYL ETHER (101-84-8)	
LD50 oral	2900 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
Benzenesulfonic acid; 4-C10-13-sec-alkylderivs. (85536-14-7)	
LD50 oral	1470 mg/kg bodyweight

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Skin corrosion/irritation	: Not classified pH: 8.3
Serious eye damage/irritation	: Causes serious eye irritation. pH: 8.3
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified

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Viscosity, kinematic	650 mm ² /s
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SECTION 12: Ecological information

12.1. Toxicity

Ecology - general	: The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
Ecology - water	: The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

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

Benzenesulfonic acid; 4-C10-13-sec-alkylderivs. (85536-14-7)

LC50 fish 1	1 mg/l
EC50 other aquatic organisms 1	1 mg/l EC50 waterflea (48 h)
EC50 other aquatic organisms 2	10 mg/l IC50 algae (72 h) mg/l

12.2. Persistence and degradability

ZIP WAX

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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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.
Product/Packaging 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
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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	%
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AQUA	7732-18-5	>=10%
AMMONIUM SULFATE	7783-20-2	1 - 10%
SODIUM C14-16 OLEFIN SULFONATE	68439-57-6	1 - 10%
COCAMIDE DEA	61791-31-9	1 - 10%
DODECYLBENZENE SULFONIC ACID	85536-14-7	1 - 10%
SODIUM HYDROXIDE	1310-73-2	0.1 - 1%
Parfum		0.1 - 1%
Colorant		<0.1%
Ester of Montanic Acid,a wax acid mixture approx C24-C34		<0.1%
COPERNICIA CERIFERA CERA	8015-86-9	<0.1%
ZINC PYRITHIONE	13463-41-7	<0.1%
METHYLISOTHIAZOLINONE	2682-20-4	<0.1%
BENZISOTHIAZOLINONE	2634-33-5	<0.1%
CETEARETH-2	68439-49-6	<0.1%
alcools; C16-18; éthoxylé (env. 20 OE)	9004-98-2	<0.1%
DODOXYNOL-13	9046-09-7	<0.1%
DIETHANOLAMINE	111-42-2	<0.1%

Detergent Regulation : Labelling of contents:

Component	%
non-ionic surfactants, anionic surfactants	<5%
BENZISOTHIAZOLINONE	
ZINC PYRITHIONE	
METHYLISOTHIAZOLINONE	
perfumes	

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. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
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
Skin Corr. 1C	Skin corrosion/irritation, Category 1C
Skin Irrit. 2	Skin corrosion/irritation, Category 2
H302	Harmful if swallowed
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H318	Causes serious eye damage
H319	Causes serious eye irritation
H411	Toxic to aquatic life with long lasting effects
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