FRESH SHINE CITRUS

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Date of issue: 08/08/2019 Revision date: : Version: 1.0

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

1.1. Product identifier

Product form : Mixture

Product name : FRESH SHINE CITRUS

Vaporizer : Aerosol

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@turtlewax.com

1.4. Emergency telephone number

Emergency number : +44 (0) 845 600 3663
Office hours only 08:30 - 17:00

Country	Organisation/Company	Address	Emergency number
Ireland	National Poisons Information Centre	Beaumont Hospital, Beaumont, Dublin 9., Ireland	+35 318092566

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Aerosol 1	H222;H229
Skin Irrit. 2	H315
STOT SE 3	H336
Aquatic Chronic 3	H412

Full text of H statements : see section 16

2.2. Label elements

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

Hazard pictograms (CLP) :

GHS02 GHS07

Signal word (CLP) : Danger

Hazardous ingredients : ISOPROPYL ALCOHOL; Hydrocarbons, c7, n-alkanes, isoalkanes, cyclics

Hazard statements (CLP) : H222 - Extremely flammable aerosol.
H229 - Pressurised container: May burst if heated.
H315 - Causes skin irritation.
H336 - May cause drowsiness or dizziness.
H412 - Harmful to aquatic life with long lasting effects.

Precautionary statements (CLP) : P102 - Keep out of reach of children.
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211 - Do not spray on an open flame or other ignition source.
P251 - Do not pierce or burn, even after use.
P271 - Use only outdoors or in a well-ventilated area.

P302+P352 - IF ON SKIN: Wash with plenty of water.
P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
P501 - Dispose of contents / container in accordance with local / national regulations.

EUH-statements : EUH208 - Contains LIMONENE. May produce an allergic reaction.

UFI : 70EM-Y38A-X00F-HVFG

2.3. Other hazards

Adverse physicochemical, human health and environmental effects : Pressurised container: May burst if heated. Extremely flammable aerosol. Causes skin irritation. May cause drowsiness or dizziness. Harmful to aquatic life with long lasting effects.

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

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Hydrocarbons, c7, n-alkanes, isoalkanes, cyclics	(CAS-No.) 64742-49-0 (EC-No.) 927-510-4 (EC Index-No.) 649-328-00-1 (REACH-no) 01-2119475515-33	20 - 30	Flam. Liq. 2, H225 Skin Irrit. 2, H315 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
propan-2-ol	(CAS-No.) 67-63-0 (EC-No.) 200-661-7 (EC Index-No.) 603-117-00-0 (REACH-no) 01-2119457558-25	1 - 10	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336
(R)-p-mentha-1,8-diene, d-limonene	(CAS-No.) 5989-27-5 (EC-No.) 227-813-5 (EC Index-No.) 601-029-00-7	0.1 - 1	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

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 : Move immediately to fresh air in case of accidental inhalation of vapours. If experiencing respiratory symptoms: Get medical advice/attention.

First-aid measures after skin contact : Wash skin with soap and water. If skin irritation or rash occurs: Get medical advice/attention.

First-aid measures after eye contact : Immediately rinse with plenty of water (for at least 15 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 : If swallowed, do NOT induce vomiting. Rinse mouth out with water. Drink plenty of water. Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell.

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

Symptoms/effects : May cause drowsiness or dizziness.

Symptoms/effects after inhalation : May cause respiratory irritation.

Symptoms/effects after skin contact : Causes skin irritation. irritation (itching, redness, blistering).

Symptoms/effects after eye contact : May cause moderate irritation, including burning sensation, tearing, redness or swelling.

Symptoms/effects after ingestion : Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

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 : Dry powder. Foam. Carbon dioxide.

Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Fire hazard	:	Extremely flammable aerosol.
Explosion hazard	:	Pressurised container: May burst if heated.
Reactivity in case of fire	:	Not known.
Hazardous decomposition products in case of fire	:	Carbon dioxide. Carbon monoxide.

5.3. Advice for firefighters

Precautionary measures fire	:	Evacuate area.
Firefighting instructions	:	Evacuate area. Eliminate all ignition sources if safe to do so. 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. No flames, no sparks. Eliminate all sources of ignition.

6.1.1. For non-emergency personnel

Protective equipment	:	Use appropriate personal protection equipment (PPE). For further information refer to section 8: "Exposure controls/personal protection".
Emergency procedures	:	Eliminate all ignition sources if safe to do so. Ventilate spillage area. Avoid breathing fume, vapours. Avoid contact with skin and eyes.

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".
Emergency procedures	:	Eliminate all ignition sources if safe to do so. Ventilate area. Do not breathe vapour/aerosol. Avoid contact with skin and eyes.

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up	:	Use appropriate personal protection equipment (PPE). Ventilate spillage area. Allow the residual product to evaporate. Place in a suitable container for disposal in accordance with the waste regulations (see Section 13). Use only non-sparking tools.
Other information	:	This material and its container must be disposed of in a safe way, and as per local legislation.

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	:	Observe the label precautions. Keep out of reach of children. Use only in well ventilated areas. Avoid breathing fume, vapours. Avoid contact with skin and eyes. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not pierce or burn, even after use. Do not spray on an open flame or other ignition source.
Hygiene measures	:	Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions	:	Store in a well-ventilated place. Keep out of reach of children. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F. Keep cool.
Storage area	:	Store away from heat. Store in a well-ventilated place.
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

propan-2-ol (67-63-0)		
Ireland	Local name	Isopropyl alcohol
Ireland	OEL (8 hours ref) (ppm)	200 ppm

propan-2-ol (67-63-0)		
Ireland	OEL (15 min ref) (ppm)	400 ppm
Ireland	Notes (IE)	Sk

8.2. Exposure controls

Appropriate engineering controls : Ensure adequate ventilation.

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

Materials for protective clothing : Not required for normal conditions of use

Hand protection : Not required for normal conditions of use

Eye protection : Eye protection should only be necessary where liquid could be splashed or sprayed

Skin and body protection : Not required for normal conditions of use

Respiratory protection : Not necessary with sufficient ventilation

Environmental exposure controls : Avoid release to the environment.

Consumer exposure controls : Read label before use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid

Appearance : Colorless gas or liquefied gas.

Colour : Colourless.

Odour : Citrus fruits.

Odour threshold : No data available

pH : No data available

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

Melting point : Not applicable

Freezing point : No data available

Boiling point : No data available

Flash point : No data available

Auto-ignition temperature : No data available

Decomposition temperature : No data available

Flammability (solid, gas) : Extremely flammable aerosol.

Vapour pressure : No data available

Relative vapour density at 20 °C : No data available

Relative density : No data available

Solubility : immiscible and insoluble.

Log Pow : No data available

Viscosity, kinematic : <= 21 mm²/s

Viscosity, dynamic : No data available

Explosive properties : Pressurised container: May burst if heated.

Oxidising properties : Not applicable.

Explosive limits : No data available

9.2. Other information

VOC content : 93.6 %

SECTION 10: Stability and reactivity

10.1. Reactivity

Extremely flammable aerosol. Pressurised container: May burst if heated.

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

Keep away from open flames, hot surfaces and sources of ignition.

10.5. Incompatible materials

Oxidizing agent. Strong acids.

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

propan-2-ol (67-63-0)	
LD50 oral	4384 mg/kg
LD50 dermal	12800 mg/kg bodyweight

Hydrocarbons, c7, n-alkanes, isoalkanes, cyclics (64742-49-0)	
LD50 oral	> 5840 mg/kg bodyweight
LD50 dermal	> 2920 mg/kg bodyweight
LC50 inhalation rat (Dust/Mist - mg/l/4h)	> 23300 mg/m³

Skin corrosion/irritation : Causes skin irritation.

Serious eye damage/irritation : Not classified (Based on available data, the classification criteria are not met)

Respiratory or skin sensitisation : Not classified (Based on available data, the classification criteria are not met)

Germ cell mutagenicity : Not classified (Based on available data, the classification criteria are not met)

Carcinogenicity : Not classified (Based on available data, the classification criteria are not met)

Reproductive toxicity : Not classified (Based on available data, the classification criteria are not met)

STOT-single exposure : May cause drowsiness or dizziness.

STOT-repeated exposure : Not classified (Based on available data, the classification criteria are not met)

Aspiration hazard : Not classified (Based on available data, the classification criteria are not met)

FRESH SHINE CITRUS	
Vaporizer	Aerosol
Viscosity, kinematic	<= 21 mm²/s

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : Harmful to aquatic life with long lasting effects.

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

Hydrocarbons, c7, n-alkanes, isoalkanes, cyclics (64742-49-0)	
LC50 fish 1	> 3 mg/l
EC50 other aquatic organisms 1	4.6 mg/l EC50 waterflea (48 h)
EC50 other aquatic organisms 2	10 mg/l IC50 algea (72 h) mg/l

12.2. Persistence and degradability

FRESH SHINE CITRUS	
Persistence and degradability	No data available.

12.3. Bioaccumulative potential

FRESH SHINE CITRUS	
Bioaccumulative potential	Not established.

12.4. Mobility in soil

FRESH SHINE CITRUS	
Ecology - soil	No data available.

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

Other adverse effects : None known.

Additional information : No other effects known

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 : Container under pressure. Do not drill or burn even after use. Dispose in a safe manner in accordance with local/national regulations. Do not pierce or burn, even after use.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG	IATA	ADN	RID
14.1. UN number				
1950	1950	1950	1950	1950
14.2. UN proper shipping name				
AEROSOLS	AEROSOLS	Aerosols, flammable	AEROSOLS	AEROSOLS
Transport document description				
UN 1950 AEROSOLS, 2.1, (D)	UN 1950 AEROSOLS, 2.1			
14.3. Transport hazard class(es)				
2.1	2.1	2.1	2.1	2.1
14.4. Packing group				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental hazards				
Dangerous for the environment : No	Dangerous for the environment : No Marine pollutant : No	Dangerous for the environment : No	Dangerous for the environment : No	Dangerous for the environment : No
No supplementary information available				

14.6. Special precautions for user

- Overland transport

Classification code (ADR) : 5F

Special provisions (ADR) : 190, 327, 344, 625

Limited quantities (ADR) : 1l

Excepted quantities (ADR) : E0

Packing instructions (ADR) : P207, LP02

Special packing provisions (ADR) : PP87, RR6, L2

Mixed packing provisions (ADR) : MP9

Transport category (ADR) : 2

Special provisions for carriage - Packages (ADR) : V14

Special provisions for carriage - Loading, unloading and handling (ADR) : CV9, CV12

Special provisions for carriage - Operation (ADR) : S2

Tunnel restriction code (ADR) : D

- Transport by sea

Special provisions (IMDG) : 63, 190, 277, 327, 344, 959

Limited quantities (IMDG) : SP277

Excepted quantities (IMDG) : E0

Packing instructions (IMDG) : P207, LP02

Special packing provisions (IMDG) : PP87, L2

EmS-No. (Fire) : F-D

EmS-No. (Spillage) : S-U

Stowage category (IMDG) : None

MFAG-No : 126

- Air transport

PCA Excepted quantities (IATA)	: E0
PCA Limited quantities (IATA)	: Y203
PCA limited quantity max net quantity (IATA)	: 30kgG
PCA packing instructions (IATA)	: 203
PCA max net quantity (IATA)	: 75kg
CAO packing instructions (IATA)	: 203
CAO max net quantity (IATA)	: 150kg
Special provisions (IATA)	: A145, A167, A802
ERG code (IATA)	: 10L

- Inland waterway transport

Classification code (ADN)	: 5F
Special provisions (ADN)	: 190, 327, 344, 625
Limited quantities (ADN)	: 1 L
Excepted quantities (ADN)	: E0
Equipment required (ADN)	: PP, EX, A
Ventilation (ADN)	: VE01, VE04
Number of blue cones/lights (ADN)	: 1
Carriage prohibited (ADN)	: No
Not subject to ADN	: No

- Rail transport

Classification code (RID)	: 5F
Special provisions (RID)	: 190, 327, 344, 625
Limited quantities (RID)	: 1L
Excepted quantities (RID)	: E0
Packing instructions (RID)	: P207, LP02
Special packing provisions (RID)	: PP87, RR6, L2
Mixed packing provisions (RID)	: MP9
Transport category (RID)	: 2
Special provisions for carriage – Packages (RID)	: W14
Special provisions for carriage - Loading, unloading and handling (RID)	: CW9, CW12
Colis express (express parcels) (RID)	: CE2
Hazard identification number (RID)	: 23
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

VOC content : 93.6 %

15.1.2. National regulations

Seveso Directive : 2012/18/EU (Seveso III)

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Indication of changes:

Composition/information on ingredients.

2.1	Composition/information on ingredients	Modified	

Full text of H- and EUH-statements:

Aerosol 1	Aerosol, Category 1
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Asp. Tox. 1	Aspiration hazard, 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
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Narcosis
H222	Extremely flammable aerosol.
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H229	Pressurised container: May burst if heated.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
EUH208	Contains LIMONENE. May produce an allergic reaction.

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