

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

Date of issue: 23/03/2017 Version: 1.0

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

Product identifier

Product form : Mixture

Product name : Classic Green Apple 270ml

Type of product : Aerosol Vaporizer : Aerosol Product group Aerosol

Other means of identification : W203 Classic Green Apple 270 MI

Relevant identified uses of the substance or mixture and uses advised against

1.2.1. Relevant identified uses

Main use category : Professional use, Industrial use

Function or use category : Air care products

Uses advised against 1.2.2.

No additional information available

Details of the supplier of the safety data sheet

Supplier

Pelsis Sterling House

HG5 8PJ Knaresbrough - U.K.

T +44(0)800 988 5359 - F +44(0)1423 863 497 Pilny kontakt: +49 (770) 422-2071 (Kontakt w godzinach od 8 do 17 w dni robocze) Herr

Brühman Paul Phone: +49(34925)76-0

Manufacturer

Pelsis Sterling House

HG5 8PJ Knaresbrough - U.K.

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Brühman Paul Phone: +49(34925)76-0

Emergency telephone number

No additional information available

SECTION 2: Hazards identification

Classification of the substance or mixture

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

H222;H229 Aerosol, Category 1

Full text of H statements: see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

Label elements

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

Hazard pictograms (CLP)



GHS02

Signal word (CLP) : Danger

: H222 - Extremely flammable aerosol Hazard statements (CLP)

H229 - Pressurised container: May burst if heated

: P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No Precautionary statements (CLP)

smoking

P251 - Do not pierce or burn, even after use

P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F

P211 - Do not spray on an open flame or other ignition source

P501 - Dispose of contents/container to hazardous or special waste collection point.

Other hazards

No additional information available

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SECTION 3: Composition/information on ingredients

Substance

Not applicable

3.2. **Mixture**

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
butane	(CAS No) 106-97-8 (EC no) 203-448-7 (EC index no) 601-004-00-0 (REACH-no) 01-2119474691-32	~33	Flam. Gas 1, H220
isobutane	(CAS No) 75-28-5 (EC no) 200-857-2 (EC index no) 601-004-00-0 (REACH-no) 01-2119485395-27	~23	Flam. Gas 1, H220 Compressed gas, H280
ethanol, ethyl alcohol	(CAS No) 64-17-5 (EC no) 200-578-6 (EC index no) 603-002-00-5	~15	Flam. Liq. 2, H225
propane	(CAS No) 74-98-6 (EC no) 200-827-9 (EC index no) 601-003-00-5 (REACH-no) 01-2119486944-21	~12	Flam. Gas 1, H220 Compressed gas, H280
propan-2-ol, isopropyl alcohol, isopropanol	(CAS No) 67-63-0 (EC no) 200-661-7 (EC index no) 603-117-00-0	~10	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336
galaxolide (HHCB)	(CAS No) 1222-05-5 (EC no) 214-946-9 (EC index no) 603-212-00-7	~0.13	Aquatic Acute 1, H400 Aquatic Chronic 1, H410

Full text of H-statements: see section 16

SECTION 4: First aid measures

Description of first aid measures

: Exposure may produce an allergic reaction. IF exposed or concerned: Get medical First-aid measures general

advice/attention.

First-aid measures after inhalation

Get medical advice/attention if you feel unwell.

First-aid measures after skin contact

IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical

advice/attention.

First-aid measures after eye contact

IF IN EYES: 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.

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

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

Indication of any immediate medical attention and special treatment needed

Treat symptomatically. No specific measures are required provided the product is handled in accordance with the general rules of occupational hygiene and safety. 4.1. First aid measures.

SECTION 5: Firefighting measures

Extinguishing media

Suitable extinguishing media : dry extinguishing powder. Carbon dioxide. Foam. dry chemical powder, alcohol-resistant foam,

carbon dioxide (CO2).

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

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire

: Under fire conditions, hazardous fumes will be present. Carbon monoxide. Organic compounds.

Advice for firefighters

Protection during firefighting

Other information

: In case of inadequate ventilation wear respiratory protection. Do not breathe vapour.

Use water spray or fog for cooling exposed containers. Continue water spray from protected position until container stays cool. Avoid (reject) fire-fighting water to enter environment. Do not

allow run-off from fire-fighting to enter drains or water courses.

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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures

Avoid inhalation of vapours. Avoid all contact with skin, eyes, or clothing. See Headings 7 and
 Ensure there is adequate ventilation. Remove ignition sources. Vapours may be heavier than air.

6.1.1. For non-emergency personnel

No additional information available

6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

Do not discharge into drains or the environment. Do not contaminate ground and surface water. Prevent soil and water pollution.

6.3. Methods and material for containment and cleaning up

For containment : Cover with dry chemical, sand or vermiculite to prevent further contact with air.

Other information : Keep away from sources of ignition - No smoking. Ensure adequate ventilation. Do not breathe

vapours. Dispose in a safe manner in accordance with local/national regulations.

6.4. Reference to other sections

Reference to other sections (8, 13).

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No

smoking.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

Maximum storage period : <= 3 year

Storage temperature : $< 50 (0 - 30) ^{\circ}C ^{\circ}C$

Heat and ignition sources : Keep away from heat and direct sunlight.

Storage area : Keep locked up and out of the reach of children.

7.3. Specific end use(s)

Handle in accordance with good industrial hygiene and safety practice.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Exposure controls

Hand protection:

Wear suitable gloves

Skin and body protection:

Avoid contact with skin

Respiratory protection:

High gas/vapour concentration: compressed air/oxygen BA

Device	Filter type	Condition	Standard
	Type A - High-boiling (>65 °C) organic compounds		

Other information:

Do not eat, drink or smoke when using this product.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Aerosol.
Colour : Colourless.

Odour : Fragrance compound. alcohol odour.

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: No data available Odour threshold : No data available pН Relative evaporation rate (butylacetate=1) No data available Melting point : No data available Freezing point : No data available Boiling point : -40 - -2 °C Flash point -60 °C : 365 °C Auto-ignition temperature

Decomposition temperature : No data available Flammability (solid, gas) : No data available

Vapour pressure : 2,7 bar Pressurized metal container

Relative vapour density at 20 °C : No data available Relative density : 0,63 g/cm³

Solubility : In water, material is partially soluble. Soluble in alcohols. Soluble in hydrocarbons.

Log Pow : No data available
Viscosity, kinematic : No data available
Viscosity, dynamic : No data available
Explosive properties : No data available
Oxidising properties : No data available
Lower explosive limit (LEL) : 1,5 vol %
Upper explosive limit (UEL) : 8,5 vol %

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

None under normal use.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

None under normal conditions.

10.4. Conditions to avoid

Do not expose to temperatures exceeding 50 °C/ 122 °F. Keep away from sources of ignition - No smoking.

10.5. Incompatible materials

Strong acids. Bases. Detergent.

10.6. Hazardous decomposition products

No additional information available

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

Classic Green Apple 270ml	
LD50 oral rat	5000 mg/kg OECD 401
LD50 dermal rabbit	10000 mg/kg
LC50 inhalation rat (mg/l)	> 1800 mg/l/4h

Skin corrosion/irritation : Slightly irritant but not relevant for classification

Additional information : Repeated dermal contact with material can lead to defatting of the skin

Repeated exposure may cause skin dryness or cracking

Serious eye damage/irritation : Slightly irritant but not relevant for classification

Respiratory or skin sensitisation : May produce an allergic reaction

Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified
Reproductive toxicity : Not classified
Specific target organ toxicity (single exposure) : Not classified

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Specific target organ toxicity (repeated : Not classified

exposure)

Aspiration hazard : Not classified

Classic Green Apple 270ml

Vaporizer Aerosol

SECTION 12: Ecological information

12.1. Toxicity

Classic Green Apple 270ml	
LC50 fish 1	> 2000 mg/l Leuciscus idus OECD 203
EC50 Daphnia 1	> 5000 mg/l Daphnia magna OECD202
EC50 72h algae (1)	> 100 mg/l Scenedusmus subspicatus OECD 201

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Sewage disposal recommendations : non-composted fraction of municipal and similar wastes.

Product/Packaging disposal recommendations : Dispose of contents/container to hazardous or special waste collection point.

Additional information : Empty containers should be taken for recycle, recovery or waste in accordance with local

regulation.

European List of Waste (LoW) code : 20 01 40 - metals

SECTION 14: Transport information

In accordance with ADR

14.1. UN number

UN-No. (ADR) : 1950

14.2. UN proper shipping name

Proper Shipping Name (ADR) : AEROSOLS

Transport document description (ADR) : UN 1950 AEROSOLS, 2.1, (D)

14.3. Transport hazard class(es)

ADR

Transport hazard class(es) (ADR) : 2.1
Danger labels (ADR) : 2.1



14.4. Packing group

Packing group (ADR) : Not applicable

14.5. Environmental hazards

Dangerous for the environment : No

Other information : No supplementary information available

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14.6. Special precautions for user

- Overland transport

Classification code (ADR) : 5F

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

Limited quantities (ADR) : 11
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 : V14

(ADR)

Special provisions for carriage - Loading,

unloading and handling (ADR)

: CV9, CV12

amodaling and narialing (71514)

Special provisions for carriage - Operation : S2

(ADR)

Tunnel restriction code (ADR) : D

14.7. Transport in bulk according to Annex II of MARPOL 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

The following restrictions are applicable according to Annex XVII of the REACH Regulation (EC) No 1907/2006:

3. Liquid substances or mixtures which are regarded as dangerous in accordance with Directive 1999/45/EC or are fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008	ethanol, ethyl alcohol - propan-2-ol, isopropyl alcohol, isopropanol
3(a) Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 2.1 to 2.4, 2.6 and 2.7, 2.8 types A and B, 2.9, 2.10, 2.12, 2.13 categories 1 and 2, 2.14 categories 1 and 2, 2.15 types A to F	ethanol, ethyl alcohol - propan-2-ol, isopropyl alcohol, isopropanol
3(b) Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10	propan-2-ol, isopropyl alcohol, isopropanol
40. Substances classified as flammable gases category 1 or 2, flammable liquids categories 1, 2 or 3, flammable solids category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1, 2 or 3, pyrophoric liquids category 1 or pyrophoric solids category 1, regardless of whether they appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 or not.	ethanol, ethyl alcohol - propane - butane - isobutane - propan-2-ol, isopropyl alcohol, isopropanol

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

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:

Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
Compressed gas	Gases under pressure : Compressed gas
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Gas 1	Flammable gases, Category 1

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Flam. Liq. 2	Flammable liquids, Category 2
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Narcosis
H220	Extremely flammable gas
H222	Extremely flammable aerosol
H225	Highly flammable liquid and vapour
H229	Pressurised container: May burst if heated
H280	Contains gas under pressure; may explode if heated
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

SDS EU (REACH Annex II)

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