

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

Date of issue: 15/03/2016 Revision date: 14/04/2017 Version: 2.0

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

Product identifier

Product form : Mixture

: Classic Clementine 270ml Product name

Type of product : Aerosol Vaporizer : Aerosol Product group Aerosol

Other means of identification : W211 Classic Clementine 270MI

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

Sterling House

Pelsis

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Brühman Paul Phone: +49(34925)76-0

1.4. **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]

Aerosol, Category 1 H222;H229

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

3.1. 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

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after skin contact : IF ON SKIN: Wash with plenty of soap and water.

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.

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

Symptoms/injuries after skin contact : May cause an allergic skin reaction. Symptoms/injuries after eye contact : Causes serious eye irritation.

4.3. 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

5.1. Extinguishing media

Suitable extinguishing media : dry extinguishing powder. Carbon dioxide. Foam.

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.

5.3. Advice for firefighters

Protection during firefighting : In case of inadequate ventilation wear respiratory protection.

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

8.

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.

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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

smokina.

7.2. Conditions for safe storage, including any incompatibilities

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

Storage temperature : < 50 °C

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

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

No additional information available

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Aerosol.

Colour : No data available Odour : Fragrance compound. Odour threshold No data available рΗ · No data available Relative evaporation rate (butylacetate=1) : No data available : No data available Melting point Freezing point No data available : -40 - -2 °C Boiling point Flash point : -60 °C

Auto-ignition temperature : No data available
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
Explosive limits : No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

None under normal use.

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10.2. **Chemical stability**

Stable under normal conditions.

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.

Incompatible materials

Strong acids. Bases. Detergent.

Hazardous decomposition products

No additional information available

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity : Not classified

Classic Clementine 270ml	Clementine 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

: May produce an allergic reaction Respiratory or skin sensitisation

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

exposure)

: Not classified Aspiration hazard

	- F	
Classic Clementine 270ml		
	Vaporizer	Aerosol

SECTION 12: Ecological information

Toxicity

Classic Clementine 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

Mobility in soil

No additional information available

Results of PBT and vPvB assessment 12.5.

No additional information available

Other adverse effects

No additional information available

SECTION 13: Disposal considerations

Waste treatment methods

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

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SECTION 14: Transport information

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

14.1. UN number

UN-No. (ADR) : 1950

UN-No. (IMDG) : Not applicable UN-No. (IATA) : Not applicable

14.2. UN proper shipping name

Proper Shipping Name (ADR) : AEROSOLS
Proper Shipping Name (IMDG) : Not applicable
Proper Shipping Name (IATA) : Not applicable

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

:



IMDG

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

IATA

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

14.4. Packing group

Packing group (ADR) : Not applicable
Packing group (IMDG) : Not applicable
Packing group (IATA) : 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

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 (ADR) : V14
(ADR)

Special provisions for carriage - Loading,

unloading and handling (ADR)

: CV9, CV12

Special provisions for carriage - Operation

(ADR)

: S2

Tunnel restriction code (ADR) : D

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- Transport by sea

Not applicable

- Air transport

Not applicable

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 - propan-2-ol, isopropyl alcohol, isopropanol - propane - isobutane - butane

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:

Compressed gas	Gases under pressure : Compressed gas
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Gas 1	Flammable gases, Category 1
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

SDS EU (REACH Annex II)

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