Safety Data Sheet

In accordance with REACH Regulation EC No.1907/2006

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

1.1. Product identifier

Product name: Petitgrain Essential Oil

CAS number: 68916-04-1

EINECS number: -

INCI name: Citrus Aurantium Amara Leaf/Twig Oil

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

Products uses: Flavours, fragrances

1.3. Details of the supplier of the safety data sheet

Company name: Bath and Body Base Ltd
2A Laurel Way
Bishop Auckland
Co. Durham
DL14 7NF

Tel: 07493 064263

Email: sales@bathandbodybase.com

1.4. Emergency telephone number

Emergency tel: 07493 064263

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under Regulation (EC) No 1272/2008

Class and category of danger: Skin Corrosion / Irritation Category 2
Eye Damage / Irritation Category 2
Sensitization - Skin Category 1
Hazardous to the Aquatic Environment - Long-term Hazard Category 3
H315, Causes skin irritation.
H317, May cause an allergic skin reaction.
H319, Causes serious eye irritation.
H412, Harmful to aquatic life with long lasting effects.

2.2. Label elements

Classification under Regulation (EC) No 1272/2008

Hazard statements: H315, Causes skin irritation.
H317, May cause an allergic skin reaction.
H319, Causes serious eye irritation.
H412, Harmful to aquatic life with long lasting effects.

Signal words: Warning

M Factor: None

Supplemental Information: None

Hazard pictograms:



Precautionary statements:

P261, Avoid breathing vapour or dust.
P264, Wash hands and other contacted skin thoroughly after handling.
P272, Contaminated work clothing should not be allowed out of the workplace.
P273, Avoid release to the environment.
P280, Wear protective gloves/eye protection/face protection.
P302/352, IF ON SKIN: Wash with plenty of soap and water.
P305/351/338, IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P333/313, If skin irritation or rash occurs: Get medical advice/attention.
P337/313, If eye irritation persists: Get medical advice/attention.
P362, Take off contaminated clothing and wash before reuse.
P501, Dispose of contents/container to approved disposal site, in accordance with local regulations.

2.3. Other hazards

Other hazards: Hydrocarbon Concentration %: 3.0000%

Substance does not meet the criteria for PBT or vPvB according to Regulation (EC) No 17 1207/2006, Annex XIII.
Substance does not meet the criteria for Endocrine Disruptor according to Regulation (EU) 2017/2100 3 or Regulation (EU) 2018/605 4.

Section 3: Composition/information on ingredients

3.1. Substances

Product identity: Petitgrain Essential Oil; CAS: 68916-04-1

Contains:

Name	CAS	EC	REACH Registration No.	%	Classification for (CLP) 1272/2008	Specific Conc. Limits, M-factors & ATEs
Linalyl acetate	115-95-7	204-116-4		50-100%	Skin Irrit. 2-Skin Sens.1B;H315-H317,-	
Linalool	78-70-6	201-134-4		20-<50%	Skin Irrit. 2-Eye Irrit. 2-Skin Sens. 1B;H315-H317-H319,-	oral: ATE = 2790mg/kg bw
Terpineol	8000-41-7	232-268-1		5-<10%	Skin Irrit. 2-Eye Irrit. 2;H315-H319,-	oral: ATE = 4300mg/kg bw
Geranyl acetate	105-87-3	203-341-5		5-<10%	Skin Irrit. 2-Skin Sens.1B-Aquatic Chronic 3;H315-H317-H412,-	

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Geraniol	106-24-1	203-377-1		1-<5%	Skin Irrit. 2-Eye Dam.1-Skin Sens. 1;H315-H317-H318,-	oral: ATE = 3600mg/kg bw
d-Limonene	5989-27-5	227-813-5		1-<5%	Flam. Liq. 3-Skin Irrit.2-Skin Sens. 1B-Asp.Tox 1-Aquatic Acute 1-Aquatic Chronic 3;H226-H304-H315-H317-H400-H412,-	M = 1
beta-Caryophyllene	87-44-5	201-746-1		1-<5%	Skin Sens. 1B-Asp.Tox 1;H304-H317,-	
Citral	5392-40-5	226-394-6		0.1-<1%	Skin Irrit. 2-Eye Irrit. 2-Skin Sens. 1;H315-H317-H319,-	
Terpinolene	586-62-9	209-578-0		0.1-<1%	Skin Sens. 1B-Asp.Tox 1-Aquatic Acute 1-Aquatic Chronic 1;H304-H317-H410,-	M = 1-M = 1-oral: ATE = 3775mg/kg bw
dl-Citronellol	106-22-9	203-375-0		0.1-<1%	Skin Irrit. 2-Eye Irrit. 2-Skin Sens. 1B;H315-H317-H319,-	dermal: ATE = 2650mg/kg bw-oral: ATE = 3450mg/kg bw

Section 4: First aid measures

4.1. Description of first aid measures

Skin exposure: IF ON SKIN: Wash with plenty of soap and water.

Eye exposure: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Ingestion: Rinse mouth with water and obtain medical attention.

Inhalation: Remove from exposure site to fresh air, keep at rest, and obtain medical attention.

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

Causes skin irritation.
May cause an allergic skin reaction.
Causes serious eye irritation.

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

None expected, see Section 4.1 for further information.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Suitable media: Carbon dioxide, dry chemical, foam.

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5.2. Special hazards arising from the substance or mixture

In case of fire, may be liberated: Carbon monoxide, unidentified organic compounds.

5.3. Advice for fire-fighters

In case of insufficient ventilation, wear suitable respiratory equipment.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid inhalation. Avoid contact with skin and eyes. See protective measures under Section 7 and 8.

6.2. Environmental precautions

Keep away from drains, surface and ground water and soil.

6.3. Methods and material for containment and cleaning up

Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Contain spillage immediately by use of sand or inert powder. Dispose of according to local regulations.

6.4. Reference to other sections

Also refer to Sections 8 and 13.

Section 7: Handling and storage

7.1. Precautions for safe handling

Keep away from heat, sparks, open flames and hot surfaces - no smoking. Use personal protective equipment as required. Use in accordance with good manufacturing and industrial hygiene practices. Use in areas with adequate ventilation. Do not eat, drink or smoke when using this product.

7.2. Conditions for safe storage, including any incompatibilities

Store in a well-ventilated place. Keep container tightly closed. Keep cool. Ground/bond container and receiving equipment. Use explosion-proof electrical, ventilating and lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

7.3. Specific end use(s)

Flavours, fragrances: Use in accordance with good manufacturing and industrial hygiene practices.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits: Not applicable.

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8.2. Exposure controls

Eye/skin protection:	Wear protective gloves/eye protection/face protection.
Respiratory protection:	Under normal conditions of use and where adequate ventilation is available to prevent build up of excessive vapour, this material should not require special engineering controls. However, in conditions of high or prolonged use, or high temperature or other conditions which increase exposure, the following engineering controls can be used to minimise exposure to personnel: a) Increase ventilation of the area with local exhaust ventilation. b) Personnel can use an approved, appropriately fitted respirator with organic vapour cartridge or canisters and particulate filters. c) Use closed systems for transferring and processing this material.
Other:	Also refer to Sections 2 and 7.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state/colour:	Liquid, colourless to light yellow
Odour:	Characteristic
Odour threshold:	Not determined
Melting point/freezing point:	Not determined
Boiling point or initial boiling point and boiling range:	Not determined
Flammability:	Not determined
Lower and upper explosion limit:	Not determined
Flash point:	71 °C
Auto-ignition temperature:	Not determined
Decomposition temperature:	Not relevant
pH:	Not determined
Kinematic viscosity:	Not determined
Solubility:	Not determined
Partition coefficient: n-octanol/water (log value):	Not determined
Vapour pressure:	Not determined
Density and/or relative density:	0.8810 - 0.9110
Relative vapour density:	Not determined
Particle characteristics:	Not determined

9.2. Other information

Other information:	None available.

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Section 10: Stability and reactivity

10.1. Reactivity

Presents no significant reactivity hazard, by itself or in contact with water.

10.2. Chemical stability

Good stability under normal storage conditions.

10.3. Possibility of hazardous reactions

Not expected under normal conditions of use.

10.4. Conditions to avoid

Avoid extreme heat.

10.5. Incompatible materials

Avoid contact with strong acids, alkalis or oxidising agents.

10.6. Hazardous decomposition product

Not expected.

Section 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity:	Based on available data the classification criteria are not met.
Acute toxicity oral:	>5000
Acute toxicity dermal:	Not applicable
Acute toxicity inhalation:	Not available
Skin corrosion/irritation:	Skin Corrosion/Irritation Category 2
Serious eye damage/irritation:	Eye Damage/Irritation Category 2
Respiratory or skin sensitisation:	Sensitization - Skin Category 1
Germ cell mutagenicity:	Based on available data the classification criteria are not met.
Carcinogenicity:	Based on available data the classification criteria are not met.
Reproductive toxicity:	Based on available data the classification criteria are not met.
STOT-single exposure:	Based on available data the classification criteria are not met.
STOT-repeated exposure:	Based on available data the classification criteria are not met.
Aspiration hazard:	Based on available data the classification criteria are not met.
Information about hazardous ingredients in the mixture:	Not applicable. Refer to Sections 2 and 3 for additional information.

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11.2. Information on other hazards

Not applicable.

Section 12: Ecological information

12.1. Toxicity

Harmful to aquatic life with long lasting effects.

12.2. Persistence and degradability

Not available.

12.3. Bioaccumulative potential

Not available.

12.4. Mobility in soil

Not available.

12.5. Results of PBT and vPvB assessment

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

12.6. Endocrine disrupting properties

Not applicable.

12.7. Other adverse effects

Not available.

Section 13: Disposal considerations

13.1. Waste treatment methods

Dispose of in accordance with local regulations. Avoid disposing into drainage systems and into the environment. Empty containers should be taken to an approved waste handling site for recycling or disposal.

Section 14: Transport information

	UN Number	UN Proper Shipping Name	Transport Hazard Class (es)	Sub Risk	Packing Group
UN Model Regulations	Not classified	-	-	-	-
IMDG	Not classified	-	-	-	-
ADR, RID, ADN	Not classified	-	-	-	-
ICAO TI	Not classified	-	-	-	-

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Environmental hazards:	Not environmentally hazardous for transport.
Special precautions for user:	None additional.
Maritime transport in bulk according to IMO instruments:	Not classified.

Section 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

None additional.

15.2. Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out for this product.

Section 16: Other information

16.1. Other information

Concentration % limits:	SCI 2=10.31% EDI 1=75.00% EDI 2=13.70% SS 1=1.89% EH C3=43.86%
Total fractional values:	SCI 2=9.70 EDI 1=1.33 EDI 2=7.30 SS 1=53.00 EH C3=2.28
Other information:	* Indicates text in the SDS which has changed since the last revision.
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