



SAFETY DATA SHEET
PAN AROMA FRAGRANCE OIL - WILD BERRIES

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Compilation date: 12/10/2016
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Section 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name: PAN AROMA FRAGRANCE OIL - WILD BERRIES
Product code: PAN0343

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

Use of substance / mixture: SU 21 - Consumer Uses.

1.3. Details of the supplier of the safety data sheet

Company name: 151 Products Limited
The Old School House
39 Bengal Street
Manchester
M4 6AF
UK
Tel: 0161 839 5949
Fax: 0161 839 5493
Email: fereshteh@151.co.uk

1.4. Emergency telephone number

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Aquatic Chronic 3: H412; -: EUH208

Most important adverse effects: Contains ethyl 3-methyl-3-phenylglycidate, d-limonene, hexyl cinnamal, geranyl acetate, 4-tertiary-butylcyclohexylacetate. May produce an allergic reaction. Harmful to aquatic life with long lasting effects.

2.2. Label elements

Label elements:

Hazard statements: EUH208: Contains ethyl 3-methyl-3-phenylglycidate, d-limonene, hexyl cinnamal, geranyl acetate, 4-tertiary-butylcyclohexylacetate. May produce an allergic reaction.
H412: Harmful to aquatic life with long lasting effects.

Precautionary statements: P102: Keep out of reach of children.
P264: Wash hands thoroughly after handling.
P273: Avoid release to the environment.
P301+330+331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P501: Dispose of contents/container to Local Authority Regulations.

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2.3. Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

DIETHYL PHTHALATE

EINECS	CAS	PBT / WEL	CLP Classification	Percent
201-550-6	84-66-2	Substance with a Community workplace exposure limit.	-	10-25%

LINALOOL

201-134-4	78-70-6	-	Skin Irrit. 2: H315; Eye Irrit. 2: H319	1-3%
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ETHYL 3-METHYL-3-PHENYLGLYCIDATE

201-061-8	77-83-8	-	Skin Sens. 1B: H317; Aquatic Chronic 2: H411	<1%
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D-LIMONENE

227-813-5	5989-27-5	-	Flam. Liq. 3: H226; Skin Irrit. 2: H315; Skin Sens. 1: H317; Aquatic Acute 1: H400; Aquatic Chronic 1: H410	<1%
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HEXYL CINNAMAL

202-983-3	101-86-0	-	Skin Sens. 1B: H317; Aquatic Chronic 2: H411	<1%
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GERANYL ACETATE

203-341-5	105-87-3	-	Skin Irrit. 2: H315; Skin Sens. 1: H317; Aquatic Chronic 3: H412	<1%
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4-TERTIARY-BUTYLCYCLOHEXYLACETATE

250-954-9	32210-23-4	-	Skin Sens. 1B: H317	<1%
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Contains: Contains the following allergens >0.01%:

- Benzyl benzoate
- Citral
- Geraniol
- Hexyl cinnamal
- Alpha-Isomethyl ionone
- d-Limonene
- Linalool

Section 4: First aid measures

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4.1. Description of first aid measures

Skin contact: Wash immediately with plenty of soap and water.

Eye contact: Bathe the eye with running water for 15 minutes.

Ingestion: Wash out mouth with water.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so.

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

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat.

Inhalation: No symptoms.

Delayed / immediate effects: May produce an allergic reaction.

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

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details. Turn leaking containers leak-side up to prevent the escape of liquid.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

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Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed. KEEP OUT OF THE REACH OF CHILDREN.

Suitable packaging: Must only be kept in original packaging.

7.3. Specific end use(s)

Specific end use(s): No data available.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Hazardous ingredients:

DIETHYL PHTHALATE

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	5mg/m ³	10/mg/m ³	-	-

DNEL/PNEC Values

Hazardous ingredients:

DIETHYL PHTHALATE

Type	Exposure	Value	Population	Effect
DNEL	Inhalation	10.56mg/m ³	Workers	Systemic
DNEL	Dermal	15mg/kg/day	Workers	Systemic
DNEL	Inhalation	2.6mg/m ³	General Population	Systemic
DNEL	Dermal	7.5mg/kg/day	General Population	Systemic
DNEL	Oral	0.75mg/kg/day	General Population	Systemic
PNEC	Fresh water	12ug/L	-	-
PNEC	Marine water	1.2ug/L	-	-
PNEC	Fresh water sediments	0.137mg/kg	-	-
PNEC	Marine sediments	0.0137mg/kg	-	-
PNEC	Soil	0.137mg/kg	-	-

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: No special requirements under normal conditions of use.

Hand protection: No special requirements under normal conditions of use.

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Eye protection: No special requirements under normal conditions of use.

Skin protection: No special requirements under normal conditions of use.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Colourless

Odour: Pleasant

Solubility in water: Not miscible

Viscosity: Non-viscous

Flash point°C: >93

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.

Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

DIETHYL PHTHALATE

DERMAL	RAT	LD50	>10	mL/kg
ORAL	RAT	LD50	8600	mg/kg

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VAPOURS	RAT	6H LC50	>511	ppm
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LINALOOL

DERMAL	RBT	LD50	5610	mg/kg
ORAL	MUS	LD50	2200	mg/kg

ETHYL 3-METHYL-3-PHENYLGLYCIDATE

DERMAL	RAT	LD50	>2000	mg/kg
ORAL	RAT	LD50	5470	mg/kg

D-LIMONENE

ORL	MUS	LD50	5600	mg/kg
ORL	RAT	LD50	4400	mg/kg
SCU	MUS	LD50	3170	mg/kg

GERANYL ACETATE

DERMAL	RBT	LD50	>6	mL/kg
ORAL	RAT	LD50	6330	mg/kg

4-TERTIARY-BUTYLCYCLOHEXYLACETATE

DERMAL	HAM	LD50	>5000	mg/kg
ORAL	RAT	LD50	3370	mg/kg

Toxicity values: No data available.

Symptoms / routes of exposure

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat.

Inhalation: No symptoms.

Delayed / immediate effects: May produce an allergic reaction.

Section 12: Ecological information

12.1. Toxicity

Hazardous ingredients:

DIETHYL PHTHALATE

ALGAE (Desmodesmus subspicatus)	72H ErC50 (Biomass)	23	mg/l
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ALGAE (Desmodesmus subspicatus)	72H ErC50 (Growth ra	45	mg/l
DAPHNIA (Daphnia magna)	48H EC50	90	mg/l
RAINBOW TROUT (Oncorhynchus mykiss)	96H LC50	12	mg/l

LINALOOL

RAINBOW TROUT (Oncorhynchus mykiss)	96H LC50	27.8	mg/l
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ETHYL 3-METHYL-3-PHENYLGLYCIDATE

RAINBOW TROUT (Oncorhynchus mykiss)	96H LC50	4.2	mg/l
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4-TERTIARY-BUTYLCYCLOHEXYLACETATE

COMMON CARP (Cyprinus carpio)	96H LC50	8.6	mg/l
Scenedesmus Subspicatus	72H ErC50	22	mg/l

12.2. Persistence and degradability

Persistence and degradability: No data available.

12.3. Bioaccumulative potential

Bioaccumulative potential: No data available.

12.4. Mobility in soil

Mobility: Readily absorbed into soil.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: Harmful to aquatic organisms.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Disposal should be in accordance with Local Authority Regulations.

Disposal of packaging: Disposal should be in accordance with Local Authority Regulations.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

Transport class: This product does not require a classification for transport.

Section 15: Regulatory information

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

Specific regulations: A REACH registration number is not applicable as this product is a mixture.

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15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3: EUH208: Contains <name of sensitising substance>. May produce an allergic reaction.

H226: Flammable liquid and vapour.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H319: Causes serious eye irritation.

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.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.