



SAFETY DATA SHEET

PAN AROMA PLUG IN REFILL - ORCHID BLOSSOM

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Compilation date: 22/06/2017

Revision No: 1

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

1.1. Product identifier

Product name: PAN AROMA PLUG IN REFILL - ORCHID BLOSSOM

Product code: PAN0379

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 heliotropine, linalool, benzyl salicylate, citronellol, butylphenyl methylpropional, dipentene, alpha-isomethyl ionone, coumarin. May produce an allergic reaction. Harmful to aquatic life with long lasting effects.

2.2. Label elements

Label elements:

Hazard statements: EUH208: Contains heliotropine, linalool, benzyl salicylate, citronellol, butylphenyl methylpropional, dipentene, alpha-isomethyl ionone, coumarin. May produce an allergic reaction.

H412: Harmful to aquatic life with long lasting effects.

Precautionary statements: P101: If medical advice is needed, have product container or label at hand.

P102: Keep out of reach of children.

P103: Read label before use.

P264: Wash hands thoroughly after handling.

P273: Avoid release to the environment.

[cont...]

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P333+313: If skin irritation or rash occurs: Get medical attention.

P501: Dispose of contents/container to Local authority regulations.

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:

ETHANOL

EINECS	CAS	PBT / WEL	CLP Classification	Percent
200-578-6	64-17-5	Substance with a Community workplace exposure limit.	Flam. Liq. 2: H225	5-10%

2-PHENYLETHANOL

200-456-2	60-12-8	-	Acute Tox. 4: H302; Eye Irrit. 2: H319	1-3%
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HELIOTROPINE

204-409-7	120-57-0	-	Skin Sens. 1B: H317	<1%
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LINALOOL

201-134-4	78-70-6	-	Skin Irrit. 2: H315; Eye Irrit. 2: H319; Skin Sens. 1B: H317	<1%
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BENZYL SALICYLATE

204-262-9	118-58-1	-	Aquatic Chronic 3: H412; Eye Irrit. 2: H319; Skin Sens. 1B: H317	<1%
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CITRONELLOL

203-375-0	106-22-9	-	Skin Irrit. 2: H315; Eye Irrit. 2: H319; Skin Sens. 1B: H317	<1%
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BUTYLPHENYL METHYLPROPIONAL

201-289-8	80-54-6	-	Acute Tox. 4: H302; Skin Irrit. 2: H315; Skin Sens. 1B: H317; Aquatic Chronic 2: H411; Repr. 2: H361	<1%
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DIPENTENE

205-341-0	138-86-3	-	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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ALPHA-ISOMETHYL IONONE

204-846-3	127-51-5	-	Skin Irrit. 2: H315; Aquatic Chronic 2: H411; Skin Sens. 1B: H317; Eye Irrit. 2: H319	<1%
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COUMARIN

202-086-7	91-64-5	-	Acute Tox. 4: H302; Skin Sens. 1: H317; Aquatic Chronic 3: H412	<1%
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Contains: Contains the following allergens >0.01%:

- Benzyl benzoate
- Benzyl salicylate
- Citronellol
- Coumarin
- Hydroxycitronellal
- Alpha-Isomethyl ionone
- Lilial (Butylphenyl methylpropional)
- d-Limonene
- Linalool

Section 4: First aid measures

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. If irritation persists seek medical attention.

Ingestion: Wash out mouth with water. Do not induce vomiting.

Inhalation: Move to fresh air in case of accidental inhalation of vapours.

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

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

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: There may be irritation of the nose and upper respiratory tract.

Delayed / immediate effects: Delayed effects can be expected after long-term exposure.

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

Immediate / special treatment: Not applicable.

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.

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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: 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.

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:

ETHANOL

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL

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UK	1920 mg/m ³	-	-	-
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DNEL/PNEC Values

Hazardous ingredients:

LINALOOL

Type	Exposure	Value	Population	Effect
PNEC	Fresh water	0.2mg/L	-	-
PNEC	Fresh water sediments	2.22mg/kg sediment	-	-
PNEC	Marine water	0.02mg/L	-	-
PNEC	Marine sediments	0.222mg/kg sediment	-	-
PNEC	Soil	0.327mg/kg soil	-	-
PNEC	Food chain	7.8mg/kg food	-	-
DNEL	Inhalation	2.8mg/m ³	Workers	Systemic
DNEL	Dermal	2.5mg/kg bw	Workers	Systemic
DNEL	Dermal	3mg/cm ²	Workers	Local
DNEL	Inhalation	0.7mg/m ³	General Population	Systemic
DNEL	Dermal	1.25mg/kg bw	General Population	Systemic
DNEL	Dermal	1.5mg/cm ²	General Population	Local
DNEL	Oral	0.2mg/kg bw	General Population	Systemic

BENZYL SALICYLATE

Type	Exposure	Value	Population	Effect
DNEL	Inhalation	3.17mg/m ³	Workers	Systemic
DNEL	Dermal	0.9mg/kg bw/day	Workers	Systemic
DNEL	Inhalation	0.78mg/m ³	General Population	Systemic
DNEL	Dermal	0.45mg/kg bw/day	General Population	Systemic
DNEL	Oral	0.45mg/kg bw/day	General Population	Systemic
PNEC	Fresh water	0.001mg/L	-	-
PNEC	Fresh water sediments	0.583mg/kg sediment	-	-
PNEC	Marine sediments	0.058mg/kg sediment	-	-
PNEC	Soil	1.41mg/kg soil dw	-	-
PNEC	Oral	80mg/kg food	-	-

CITRONELLOL

Type	Exposure	Value	Population	Effect
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DNEL	Inhalation	161.6mg/m ³	Workers	Systemic
DNEL	Inhalation	10mg/m ³	Workers	Local
DNEL	Dermal	327.4mg/kgbw	Workers	Systemic
DNEL	Dermal	2 950µg/cm ²	Workers	Local
DNEL	Inhalation	47.8mg/m ³	General Population	Systemic
DNEL	Inhalation	10mg/m ³	General Population	Local
DNEL	Dermal	196.4mg/kg bw	General Population	Systemic
DNEL	Dermal	2 950µg/cm ²	General Population	Local
DNEL	Oral	13.8mg/kg bw	General Population	Systemic
PNEC	Fresh water	0.002mg/L	-	-
PNEC	Fresh water sediments	0.026mg/kg	-	-
PNEC	Marine water	0 mg/L	-	-
PNEC	Marine sediments	0.003 mg/kg	-	-
PNEC	Soil	0.004mg/kg	-	-

BUTYLPHENYL METHYLPROPIONAL

Type	Exposure	Value	Population	Effect
DNEL	Inhalation	0.201mg/m ³	Workers	Systemic
DNEL	Dermal	0.057mg/kg bw	Workers	Systemic
DNEL	Inhalation	0.059mg/m ³	General Population	Systemic
DNEL	Dermal	0.034mg/kg bw	General Population	Systemic
DNEL	Dermal	0.41mg/cm ²	General Population	Local
DNEL	Oral	0.034mg/kgbw	General Population	Systemic
PNEC	Fresh water	0.002mg/L	-	-
PNEC	Marine water	0 mg/L	-	-
DNEL	Soil	0.046mg/kgsoil dw	-	-

COUMARIN

Type	Exposure	Value	Population	Effect
PNEC	Fresh water	19µg/L	-	-
PNEC	Fresh water sediments	0.15mg/kg	-	-
PNEC	Marine water	1.9µg/L	-	-
PNEC	Marine sediments	0.015mg/kg	-	-
PNEC	Soil	0.018mg/kg	-	-
PNEC	Oral	30.7mg/kg	-	-
DNEL	Inhalation	6.78mg/m ³	Workers	Systemic
DNEL	Dermal	0.79mg/kgbw	Workers	Systemic
DNEL	Inhalation	1.69mg/m ³	General Population	Systemic
DNEL	Dermal	0.39mg/kgbw	General Population	Systemic

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DNEL	Oral	0.39mg/kgbw	General Population	Systemic
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8.2. Exposure controls

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

Respiratory protection: Not applicable.

Hand protection: Protective gloves.

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

Odour: Pleasant

Solubility in water: Soluble

Flash point°C: 60 - 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

Conditions to avoid: Heat.

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

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Hazardous ingredients:

ETHANOL

IVN	RAT	LD50	1440	mg/kg
ORL	MUS	LD50	3450	mg/kg
ORL	RAT	LD50	7060	mg/kg

2-PHENYLETHANOL

DERMAL	RABBIT	LD50	2535	mg/kg
ORAL	RAT	LD50	1609	mg/kg

HELIOTROPINE

DERMAL	RAT	LD50	5000	mg/kg
ORAL	RAT	LD50	2700	mg/kg

LINALOOL

DERMAL	RBT	LD50	5610	mg/kg
ORAL	MUS	LD50	2200	mg/kg
ORAL	RAT	LD50	2790	mg/kg
VAPOURS	MUS	LC50	>3.2	mg/l

BENZYL SALICYLATE

DERMAL	RBT	LD50	14.1	g/kg
ORAL	RAT	LD50	2227	mg/kg

CITRONELLOL

DERMAL	RABBIT	LD50	2650	mg/kg
ORAL	RAT	LD50	3450	mg/kg

BUTYLPHENYL METHYLPROPIONAL

DERMAL	RAT	LD50	>2000	mg/kg
ORAL	RAT	LD50	1390	mg/kg

DIPENTENE

IVN	MUS	LD50	1010	µl/kg
ORL	MUS	LD50	5550	µl/kg
ORL	RAT	LD50	5300	mg/kg

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COUMARIN

ORAL	RAT	LD50	640	mg/kg
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Toxicity values: No data available.

Symptoms / routes of exposure

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

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: There may be irritation of the nose and upper respiratory tract.

Delayed / immediate effects: Delayed effects can be expected after long-term exposure.

Section 12: Ecological information

12.1. Toxicity

Hazardous ingredients:

2-PHENYLETHANOL

Daphnia magna	48H EC50	287	mg/l
Desmodesmus subspicatus	72H ErC50	1.3	g/l
IDE (Leuciscus idus)	96H LC100	464	mg/l
IDE (Leuciscus idus)	96H NOEC	100	mg/l

HELIOTROPINE

CARP (Cyprinus carpio)	96H LC50	2.5	mg/l
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LINALOOL

Daphnia magna	48H EC50	59	mg/l
RAINBOW TROUT (Oncorhynchus mykiss)	96H LC50	27.8	mg/l

BENZYL SALICYLATE

GREEN ALGA (Selenastrum capricornutum)	72H ErC50	1.29	mg/l
ZEBRAFISH (Brachydanio rerio)	96H LC50	1.03	mg/l

CITRONELLOL

Daphnia magna	48H EC50	17.5	mg/l
Daphnia magna	48H NOEC	3.1	mg/l
IDE (Leuciscus idus)	96H LC50	14.6	mg/l
IDE (Leuciscus idus)	96H NOEC	4.6	mg/l

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BUTYLPHENYL METHYLPROPIONAL

Daphnia magna	48H EC50	10.7	mg/l
ZEBRAFISH (Brachydanio rerio)	96H LC50	2.04	mg/l
ZEBRAFISH (Brachydanio rerio)	96H NOEC	1.28	mg/l

COUMARIN

(Q)SAR	30d NOEC	0.191	mg/l
(Q)SAR	96H LC50	2.94	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: Soluble in water.

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: Not applicable.

15.2. Chemical Safety Assessment

Section 16: Other information

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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.
H225: Highly flammable liquid and vapour.
H226: Flammable liquid and vapour.
H302: Harmful if swallowed.
H315: Causes skin irritation.
H317: May cause an allergic skin reaction.
H319: Causes serious eye irritation.
H361: Suspected of damaging fertility or the unborn child <state specific effect if known>
<state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.
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.