



SAFETY DATA SHEET
PAN AROMA DISHWASHER FRESHENER

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Compilation date: 28/01/2016

Revision No: 1

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

1.1. Product identifier

Product name: PAN AROMA DISHWASHER FRESHENER

Product code: PAN1000

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

Use of substance / mixture: PC3: Air care products.

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: Skin Sens. 1: H317; Aquatic Chronic 3: H412; -: EUH208

Most important adverse effects: Contains lauraldehyde, acetyl cedrene, coumarin, isoeugenol, citronellol, d-limonene, methyl ionone (mixture of isomers), pinene alpha, pinene beta, citral. May produce an allergic reaction. May cause an allergic skin reaction. Harmful to aquatic life with long lasting effects.

2.2. Label elements

Label elements:

Hazard statements: EUH208: Contains lauraldehyde, acetyl cedrene, coumarin, isoeugenol, citronellol, d-limonene, methyl ionone (mixture of isomers), pinene alpha, pinene beta, citral. May produce an allergic reaction.

H317: May cause an allergic skin reaction.

H412: Harmful to aquatic life with long lasting effects.

Hazard pictograms: GHS07: Exclamation mark



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Signal words: Warning

Precautionary statements: P102: Keep out of reach of children.

P103: Read label before use.

P264: Wash hands thoroughly after handling.

P501: Dispose of contents 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:

TETRAMETHYL ACETYLOCTAHYDRONAPHTHALE

EINECS	CAS	PBT / WEL	CLP Classification	Percent
259-174-3	54464-57-2	-	Skin Irrit. 2: H315; Skin Sens. 1: H317; Aquatic Chronic 2: H411	1-3%

CITRAL

226-394-6	5392-40-5	-	Skin Irrit. 2: H315; Skin Sens. 1: H317	<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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LAURALDEHYDE

203-983-6	112-54-9	-	Skin Irrit. 2: H315; Eye Irrit. 2: H319; Skin Sens. 1B: H317	<1%
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ETHYLTRIMETHYL CYCLOPENTENE BUTENOL

248-908-8	28219-61-6	-	Eye Irrit. 2: H319; Aquatic Chronic 1: H410	<1%
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ACETYL CEDRENE

251-020-3	32388-55-9	-	Skin Sens. 1B: H317; Aquatic Chronic 1: H410; Aquatic Acute 1: H400	<1%
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4'-T-BUTYL-2',6'-DIMETHYLACETOPHENONE

218-037-8	2040-10-0	-	Acute Tox. 3: H301; Acute Tox. 4: H312	<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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ISOEUGENOL

202-590-7	97-54-1	-	Acute Tox. 4: H302; Skin Sens. 1: H317; Skin Irrit. 2: H315; Eye Irrit. 2: H319; STOT SE 3: H335; Acute Tox. 4: H312	<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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METHYL IONONE (MIXTURE OF ISOMERS)

-	1335-46-2	-	Eye Irrit. 2: H319; Aquatic Chronic 2: H411; Skin Sens. 1: H317; Skin Irrit. 2: H315	<1%
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PINENE ALPHA

201-291-9	80-56-8	-	Flam. Liq. 3: H226; Asp. Tox. 1: H304; Skin Sens. 1: H317; Skin Irrit. 2: H315	<1%
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PINENE BETA

204-872-5	127-91-3	-	Flam. Liq. 3: H226; Skin Irrit. 2: H315; Skin Sens. 1B: H317; Asp. Tox. 1: H304	<1%
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ALPHA CEDRENE

207-418-4	469-61-4	-	Asp. Tox. 1: H304; Aquatic Acute 1: H400; Aquatic Chronic 1: H410	<1%
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Contains: Contains the following allergens >0.01%:

- Citral
- Citronellol
- Coumarin
- Geraniol
- Hexyl cinnamal
- Iso-eugenol
- 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. Consult a doctor.

Ingestion: Wash out mouth with water. Accidental ingestion of this product is unlikely.

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

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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. There may be difficulty swallowing. It is unlikely that this substance will be swallowed due to its physical properties.

Inhalation: May cause irritation.

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.

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: Not applicable.

6.2. Environmental precautions

Environmental precautions: Not applicable.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4. Reference to other sections

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Avoid direct contact with the substance.

7.2. Conditions for safe storage, including any incompatibilities

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

Suitable packaging: Must only be kept in original packaging.

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7.3. Specific end use(s)

Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits: No data available.

DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

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

Respiratory protection: Respiratory protection not required.

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: Solid

Colour: Yellow

Odour: Citrus

Solubility in water: Insoluble

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.

10.4. Conditions to avoid

Conditions to avoid: Heat. Flames.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

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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:

CITRAL

IPR	RAT	LD50	460	mg/kg
ORL	MUS	LD50	6	gm/kg
ORL	RAT	LD50	4960	mg/kg

D-LIMONENE

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

LAURALDEHYDE

ORAL	RAT	LD50	23.1	g/kg
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ETHYLTRIMETHYL CYCLOPENTENE BUTENOL

ORAL	RAT	LD50	>2000	mg/kg
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ACETYL CEDRENE

ORAL	RAT	LD50	4500	mg/kg
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COUMARIN

ORAL	RAT	LD50	640	mg/kg
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CITRONELLOL

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

METHYL IONONE (MIXTURE OF ISOMERS)

DERMAL	RBT	LD50	>5000	mg/l
ORAL	RAT	LD50	>2000	mg/kg

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PINENE ALPHA

DERMAL	RABBIT	LD50	>5000	mg/kg
ORAL	RAT	LD50	>2000	mg/kg

PINENE BETA

DERMAL (Read across)	RABBIT	LD50	>2500	mg/kg
ORAL	RAT	LD50	>2000	mg/kg

Relevant hazards for substance:

Hazard	Route	Basis
Respiratory/skin sensitisation	DRM	Hazardous: calculated

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. There may be difficulty swallowing. It is unlikely that this substance will be swallowed due to its physical properties.

Inhalation: May cause irritation.

Section 12: Ecological information

12.1. Toxicity

Hazardous ingredients:

LAURALDEHYDE

RAINBOW TROUT (<i>Oncorhynchus mykiss</i>)	96H LC50	2.6	mg/l
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ETHYLTRIMETHYL CYCLOPENTENE BUTENOL

BLUEGILL (<i>Lepomis macrochirus</i>)	96H LC50	1.1	mg/l
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ACETYL CEDRENE

DAPHNIA MAGNA (Crustacea, Cladocera)	48H EC50	0.86	mg/l
FATHEAD MINNOW (<i>Pimephales promelas</i>)	96H LC50	2.3	mg/l

COUMARIN

(Q)SAR	30d NOEC	0.191	mg/l
(Q)SAR	96H LC50	2.94	mg/l

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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

PINENE ALPHA

Daphnia magna	48H LC50	41	mg/l
Fat Head Minnow	96H LC50	0.28	mg/l

PINENE BETA

CARP (Ciprinus carpio)	96H LC50	> Limit of solubilit	-
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12.2. Persistence and degradability

Persistence and degradability: Not biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No data available.

12.4. Mobility in soil

Mobility: Insoluble 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.

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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 453/2010.

* 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.

H301: Toxic if swallowed.

H302: Harmful if swallowed.

H304: May be fatal if swallowed and enters airways.

H312: Harmful in contact with skin.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H319: Causes serious eye irritation.

H335: May cause respiratory 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.