SAFETY DATA SHEET

PAN AROMA PLUG IN AIR FRESHENER ORCHARD BLOSSOM

Compilation date: 12/05/2014

Revision date: 19/11/2021

Revision No: 3

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

1.1. Product identifier

Product name: * PAN AROMA PLUG IN AIR FRESHENER ORCHARD BLOSSOM

Product code: PAN0201

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

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

PC3: Air care products.

1.3. Details of the supplier of the safety data sheet

Company name: 151 Products (Ireland) Ltd

Block 3

Harcourt Centre, Harcourt Road

Dublin

DO2A339

Ireland

Tel: +(44) 839 5949

Email: technical@151products.com

1.4. Emergency telephone number

Emergency tel: +44 (0) 839 5949

+353 (0) 18092166 National Poison Centre -Ireland

(office hours only)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Aquatic Chronic 2: H411; Eye Irrit. 2: H319; Skin Irrit. 2: H315; Skin Sens. 1: H317; -: EUH208

Most important adverse effects: Contains <name of sensitising substance>. May produce an allergic reaction. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. Toxic to aquatic life with long lasting effects.

2.2. Label elements

Label elements:

UFI: 5Q30-N06V-D00N-8QSW

Hazard statements: EUH208: Contains <name of sensitising substance>. May produce an allergic reaction.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

[cont...]

H319: Causes serious eye irritation.

H411: Toxic to aquatic life with long lasting effects.

Hazard pictograms: GHS07: Exclamation mark

GHS09: Environmental

Signal words: Warning

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

P264: Wash hands thoroughly after handling.

P273: Avoid release to the environment.

P332+P313: If skin irritation occurs: Get medical advice/attention.

P305+P351+P338: 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 and 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:

DIPROPYLENE GLYCOL MONOMETHYL ETHER

EINECS	CAS	PBT / WEL	CLP Classification	Percent
252-104-2	34590-94-8	Substance with a Community workplace exposure limit.	-	70-90%

VERDYL ACETATE

259-367-2	54830-99-8	-	Aquatic Chronic 3: H412	1-10%

2-PHENYLETHANOL

200-456-2	60-12-8	-	Acute Tox. 4: H302; Eye Irrit. 2: H319	1-10%

HEXYL CINNAMAL

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

1,3,4,6,7,8-HEXAHYDRO-4,6,6,7,8,8-HEXAMETHYLINDENO[5,6-C]PYRAN

214-946-9	1222-05-5	-	Aquatic Chronic 1: H410; Aquatic Acute 1: H400	<1%

[cont...]

CITRONELLOL

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

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%

BUTYLATED HYDROXY TOLUENE

204-881-4	128-37-0	-	Aquatic Chronic 1: H410	<1%

CITRONELLYL ACETATE

205-775-0	150-84-5	-	Aquatic Chronic 2: H411; Skin Irrit. 2: H315; Eye Irrit. 2: H319	<1%

BUTYLPHENYL METHYLPROPIONAL

201-289-8	80-54-6	-	Acute Tox. 4: H302; Skin Irrit. 2: H315; Skin Sens. 1B: H317; Aquatic Chronic 3: H412; Repr. 2: H361	<1%

METHYL IONONE (MIXTURE OF ISOMERS)

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

2-METHYLUNDECANAL

203-765-0	110-41-8	-	Skin Irrit. 2: H315; Skin Sens. 1: H317; Aquatic Chronic 1: H410	<1%

LAURALDEHYDE

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

ISOMETHYL-BETA-IONONE

201-231-1	79-89-0	-	Skin Irrit. 2: H315; Aquatic Chronic 2: H411	<1%

1,1'-OXYDIBENZENE

202-981-2	101-84-8	-	Eye Irrit. 2: H319; Aquatic Chronic 2: H411	<1%

GAMMA UNDECALACTONE

203-225-4	104-67-6	-	Aquatic Chronic 3: H412	<1%

Contains: Contains allergens >0.01%.

Hexyl cinnamal

Citronellol

Alpha-Isomethyl ionone

Lilial (Butylphenyl methylpropional)

Linalool

[cont...]

Hydroxycitronellal

Eugenol

Lyral (Hydroxyisohexyl 3-cyclohexene carboxaldehyde)

Geraniol

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. If conscious, give half a litre of water to drink immediately.

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: Immediate effects can be expected after short-term exposure.

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.

[cont...]

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 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:

DIPROPYLENE GLYCOL MONOMETHYL ETHER

Workplace exposure limits: **Respirable dust:**

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	308mg/m3	-	-	-

BUTYLATED HYDROXY TOLUENE

UK	10mg/m3	-	-	-

1,1'-OXYDIBENZENE

UK	7mg/m3	14mg/m3	-	-

DNEL/PNEC Values

Hazardous ingredients:

DIPROPYLENE GLYCOL MONOMETHYL ETHER

Type	Exposure	Value	Population	Effect
PNEC	Fresh water	19mg/l	-	-
PNEC	Marine water	1.9mg/l	-	-
PNEC	Fresh water sediments	70.2 mg/kg	-	-

[cont...]

PNEC	Marine sediments	7.02 mg/kg	-	-
PNEC	Soil	2.74mg/kg	-	-
DNEL	Inhalation	308 mg/m³	Workers	Systemic
DNEL	Dermal	283 mg/kg bw/day	Workers	Systemic
DNEL	Inhalation	37.2 mg/m³	General Population	Systemic
DNEL	Dermal	121 mg/kg bw/day	General Population	Systemic

2-PHENYLETHANOL

Type	Exposure	Value	Population	Effect
DNEL	Inhalation	59.9mg/m³	Workers	Systemic
DNEL	Dermal	21.2mg/kg bw	Workers	Systemic
DNEL	Inhalation	17.7mg/m³	General Population	Systemic
DNEL	Dermal	12.7mg/kg bw	General Population	Systemic
DNEL	Oral	5.1mg/kg bw	General Population	Systemic
PNEC	Fresh water	0.215mg/L	-	-
PNEC	Fresh water sediments	1.454mg/kg sediment	-	-
PNEC	Marine water	0.021mg/L	-	-
PNEC	Marine sediments	0.145mg/kg sediment	-	-
PNEC	Microorganisms in sewage treatment	10mg/L	-	-
PNEC	Soil	0.164 mg/kg soil	-	-

CITRONELLOL

Type	Exposure	Value	Population	Effect
DNEL	Inhalation	161.6mg/m³	Workers	Systemic
DNEL	Inhalation	10mg/m³	Workers	Local
DNEL	Dermal	327.4mg/kgbw	Workers	Systemic
DNEL	Dermal	2 950µg/cm²	Workers	Local
DNEL	Inhalation	47.8mg/m³	General Population	Systemic
DNEL	Inhalation	10mg/m³	General Population	Local
DNEL	Dermal	196.4mg/kg bw	General Population	Systemic
DNEL	Dermal	2 950µg/cm²	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	-	-

[cont...]

BUTYLATED HYDROXY TOLUENE

Type	Exposure	Value	Population	Effect
PNEC	Fresh water	0.2µg/L	-	-
PNEC	Marine water	0.02µg/L	-	-
PNEC	Fresh water sediments	99.6µg/kg	-	-
PNEC	Soil	47.69µg/kg soil	-	-
DNEL	Inhalation	3.5mg/m³	Workers	Systemic
DNEL	Dermal	0.5mg/kg bw	Workers	Systemic
DNEL	Inhalation	0.86mg/m³	General Population	Systemic
DNEL	Dermal	0.25mg/kg bw	General Population	Systemic
DNEL	Oral	0.25mg/kg bw	General Population	-
PNEC	Marine sediments	9.96µg/kg sediment	-	-
PNEC	Food chain	8.33mg/kg food	-	-

BUTYLPHENYL METHYLPROPIONAL

Type	Exposure	Value	Population	Effect
DNEL	Inhalation	0.201mg/m³	Workers	Systemic
DNEL	Dermal	0.057mg/kg bw	Workers	Systemic
DNEL	Inhalation	0.059mg/m³	General Population	Systemic
DNEL	Dermal	0.034mg/kg bw	General Population	Systemic
DNEL	Dermal	0.41mg/cm²	General Population	Local
DNEL	Oral	0.034mg/kgbw	General Population	Systemic
PNEC	Fresh water	0.002mg/L	-	-
PNEC	Marine water	0 mg/L	-	-
PNEC	Soil	0.046mg/kgsoil dw	-	-

2-METHYLUNDECANAL

Type	Exposure	Value	Population	Effect
DNEL	Inhalation	25.2mg/m³	Workers	Systemic
DNEL	Dermal	7mg/kg bw/	Workers	Systemic
DNEL	Inhalation	3.1mg/m³	General Population	Systemic
DNEL	Dermal	3.5mg/kg bw	General Population	Systemic
DNEL	Oral	3.5mg/kg bw	General Population	Systemic
PNEC	Microorganisms in sewage treatment	10mg/L	-	-
PNEC	Fresh water sediments	0.072mg/kg	-	-
PNEC	Marine sediments	0.007mg/kg	-	-
PNEC	Soil	0.014mg/kg soil	-	-
PNEC	Food chain	313mg/kg food	-	-

[cont...]

LAURALDEHYDE

Type	Exposure	Value	Population	Effect
DNEL	Inhalation (Long term)	49.7mg/m³	Workers	Systemic
DNEL	Dermal (Long term)	14.1mg/kg bw	Workers	Systemic
DNEL	Dermal (Long term)	0.57µg/cm²	Workers	Local
DNEL	Inhalation (Long term)	12.3mg/m³	General Population	Systemic
DNEL	Dermal (Long term)	7mg/kg bw	General Population	Systemic
DNEL	Dermal (Long term)	0.28µg/cm²	General Population	Local
DNEL	Oral (Long term)	7mg/kg bw	General Population	Systemic
PNEC	Fresh water	0.004mg/L	-	-
PNEC	Fresh water sediments	1.41mg/kg sediment	-	-
PNEC	Marine sediments	0.141mg/kg sediment	-	-
PNEC	Microorganisms in sewage treatment	10mg/L	-	-
PNEC	Food chain	313mg/kg food	-	-

1,1'-OXYDIBENZENE

Type	Exposure	Value	Population	Effect
DNEL	Inhalation (Long term)	59mg/m³	Workers	Systemic
DNEL	Inhalation (Long term)	7mg/m³	Workers	Local
DNEL	Dermal (Long term)	25mg/kg bw	Workers	Systemic
PNEC	Fresh water	0mg/L	-	-
PNEC	Fresh water sediments	0.093 mg/kg sediment	-	-
PNEC	Marine water	0mg/L	-	-
PNEC	Marine sediments	0.009mg/kg sediment	-	-
PNEC	Microorganisms in sewage treatment	10mg/L	-	-
PNEC	Soil	0.018mg/kg soil	-	-

GAMMA UNDECALACTONE

Type	Exposure	Value	Population	Effect
DNEL	Inhalation (repeated dose)	19mg/m³	Workers	Systemic
DNEL	Dermal (repeated dose)	5.38mg/kg bw	Workers	Systemic
DNEL	Inhalation (repeated dose)	4.68mg/m³	General Population	Systemic
DNEL	Dermal (repeated dose)	2.7mg/kg bw	General Population	Systemic
DNEL	Oral (repeated dose)	2.7mg/kg bw	General Population	Systemic

[cont...]

PNEC	Fresh water	17.52µg/L	-	-
PNEC	Fresh water sediments	1.88mg/kg sediment	-	-
PNEC	Marine water	1.75µg/L	-	-
PNEC	Marine sediments	0.188mg/kg	-	-
PNEC	Soil	0.366mg/kg soil	-	-
PNEC	Food chain	66.7mg/kg food	-	-

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.

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: Off-white

Odour: Pleasant

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.

[cont...]

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:

DIPROPYLENE GLYCOL MONOMETHYL ETHER

DERMAL	RBT	LD50	>20000	mg/kg
ORAL	RAT	LD50	>5000	mg/kg
VAPOURS	RAT	7H LC0	>275	ppm

2-PHENYLETHANOL

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

CITRONELLOL

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

BUTYLATED HYDROXY TOLUENE

DERMAL	RAT	LD50	>2000	mg/kg
ORAL	RAT	LD50	2450	mg/kg
VAPOURS	MUS	LD50	546	mg/m3

CITRONELLYL ACETATE

DERMAL	RBT	LD50	>2000	mg/kg
ORAL	RAT	LD50	6.8	g/kg

BUTYLPHENYL METHYLPROPIONAL

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

METHYL IONONE (MIXTURE OF ISOMERS)

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

[cont...]

2-METHYLUNDECANAL

DERMAL	RBT	LD50	>10000	mL/kg
ORAL	RAT	LD50	>5000	mg/kg

LAURALDEHYDE

ORAL	RAT	LD50	23.1	g/kg

1,1'-OXYDIBENZENE

DERMAL	RBT	LD50	>7940	mg/kg
ORAL	RAT (FEMALE)	LD50	2830	mg/kg

GAMMA UNDECALACTONE

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

Relevant hazards for product:

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated
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.

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

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

Section 12: Ecological information

12.1. Toxicity

Hazardous ingredients:

DIPROPYLENE GLYCOL MONOMETHYL ETHER

BROWN SHRIMP (Crangon crangon)	96H LC50	>10000	mg/l
Daphnia magna	48H EC50	1919	mg/l
FATHEAD MINNOW (Pimephales promelas).	96H LC50	>10000	mg/l

[cont...]

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

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

BUTYLATED HYDROXY TOLUENE

(Q)SAR	96H LC50	0.199	mg/l
Daphnia magna	48H EC50	0.48	mg/l

CITRONELLYL ACETATE

Daphnia magna	48H EC50	3.48	mg/l
Daphnia magna	48H NOEC	1.5	mg/l
Desmodesmus subspicatus	72H ErC50	>7.2	mg/l
ZEBRAFISH (Brachydanio rerio)	96H LC50	6.1	mg/l
ZEBRAFISH (Brachydanio rerio)	96H NOEC	2.3	mg/l

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

2-METHYLUNDECANAL

Daphnia magna	48H EC50	>0.053	mg/l
RAINBOW TROUT (Oncorhynchus mykiss)	96H LC50	0.35	mg/l

LAURALDEHYDE

Daphnia magna	48H EC50	1.1	mg/l
Pseudokirchneriella subcapitata	72H ErC50	> 0.048	mg/l
RAINBOW TROUT (Oncorhynchus mykiss)	96H LC50	2.6	mg/l

[cont...]

1,1'-OXYDIBENZENE

Daphnia magna	48H EC50	1.96	mg/l
RAINBOW TROUT (Oncorhynchus mykiss)	96H LC50	4.2	mg/l

GAMMA UNDECALACTONE

FISH	96H LC50 ECOSAR	5.5	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: Toxic to aquatic organisms. Toxic to soil 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

14.1. UN number

UN number: UN3082

14.2. UN proper shipping name

Shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

14.3. Transport hazard class(es)

Transport class: 9

14.4. Packing group

Packing group: III

14.5. Environmental hazards

Environmentally hazardous: Yes **Marine pollutant:** No

[cont...]

14.6. Special precautions for user

Special precautions: No special precautions.

Tunnel code: E

Transport category: 3

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.

15.2. Chemical Safety Assessment

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.

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.

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.