1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name: Diamond Air Freshener

1.2. Relevant identified uses of the substance or mixture and uses advised against: For general purpose deodorizing.

Restrictions on use: Do NOT use it in an application which may contaminate food or do harm to human health.

1.3. Details of the supplier of the safety data sheet

- **NAME: CHEMSOLVE PTY LTD.**
- **ADDRESS:** 3 Warin Avenue Pemulwuy, NSW, 2145, Australia
- **TEL:** +61 435 313 535
- **EMAIL**: dhaval@chemsolve.com.au
- **POISION INFORMATION CONTACT** – 13 11 26

2. Hazards identification

2.1. Classification of the substance or mixture:

2.1.1. Classification according to Regulation (EC) No 1272/2008 (CLP):

Skin Sens. 1A

Aquatic Chronic

2

2.1.2. Additional information: For full text of Hazard- and EU Hazard-statements: see SECTION 16.

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008 [CLP]:

Hazard Pictograms:

Signal Word: Warning

Hazard Statements:

H317: May cause an allergic skin reaction.

H411: Toxic to aquatic life with long lasting effects.

Precautionary Statements:

P261: Avoid breathing dust/fume.

P272: Contaminated work clothing should not be allowed out of the workplace. P273: Avoid release to the environment.

P280: Wear protective gloves.

Response Precautionary Statements:

P302 + P352: IF ON SKIN: Wash with plenty of water.

P333 + P313: If skin irritation or rash occurs: Get medical advice/attention.

P321: Specific treatment (Please see the specific measures for accident that included in the label, or go to hospital for treatment.)

P362 + P364: Take off contaminated clothing and wash it before reuse.

P391: Collect spillage.

Storage precautionary statements:

No special requirements.

Disposal precautionary statements:

P501: Dispose of contents/container to relevant local and national regulations (It is recommended to use incineration method to dispose of waste).

2.3. Other hazards: not found.

3. Composition/information on ingredients

Product description: substance (); preparation/mixture (√)

Ingredients/Components		CAS No.	EC No.	Index No.	% by weigh t		Classification according to Regulation (EC) No 1278/2008 (CLP).
EVAEthylene vinyl acetate (EVA）		24937-78-8	607-457-0	--	79.5		Not available
Fragrance (Spring Orchid Scent)	Benzyl benzoate	120-51-4	204-402-9	607-085-00-9	6-8	20	Acute Tox. 4 *; H302 Aquatic Chronic 2; H411
	Ethyl 3-methyl-3-phenylglycidate	77-83-8	201-061-8	--	4-6		Skin Sens. 1B, H317 Aquatic Chronic 2, H411
	Ethyl maltol	4940-11-8	225-582-5	--	1-2		Acute Tox. 4, H302
	Galaxolide	1222-05-5	214-946-9	603-212-00-7	1-2		Aquatic Acute 1; H400
	Vanillin	121-33-5	204-465-2	--	1-2		Eye Irrit. 2, H319
	Phenethyl alcohol	60-12-8	200-456-2	--	1-2		Not available
	LINALOOL	78-70-6	201-134-4	603-235-00-2	1-2		Skin Sens. 1B; H317

		Limonene	5989-27-5	227-813-5	601-029-00-7	0.2-1		Flam. Liq. 3; H226 Skin Irrit. 2; H315 Skin Sens. 1; H317 Aquatic Acute 1; H400 Aquatic Chronic 1; H410
		Lyral	31906-04-4	250-863-4	605-040-00-8	0.2-1		Skin Sens. 1A; H317
		HERBAL PROPIONATE	17511-60-3	241-514-7	--	0.2-1		Not available
		Dihdro	18479-58-8	242-362-4	--	0.2-1		Not available
		Benzyl acetate	140-11-4	205-399-7	--	0.2-1		Not available
		o-tert-Butylcyclohexyl acetate	88-41-5	201-828-7	--	0.2-1		Aquatic Chronic 2, H411
	Pigment		--	--	--	0.5		Not available

4. First aid measures

4.1. Description of first aid measures:

General notes: May cause an allergic skin reaction.

Following inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

Following skin contact: Wash with plenty water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.

Following eye contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Following ingestion: Rinse mouth. Do not induce vomiting without professional instruction. Call a POISON CENTER or doctor/physician if you feel unwell.

Self-protection of the first aider: Wear protective gloves.

4.2. Most important symptoms/effects, acute and delayed: Acute effect: May cause an allergic skin reaction. Delayed effect: Not found.

4.3. Indication of any immediate medical attention and special treatment needed: Treat according to symptoms.

5. Fire-fighting measures

5.1. Extinguishing Media

Suitable extinguishing media: Use water spray, dry chemicals, carbon dioxide, foam, dry sand for extinction. **Unsuitable Extinguishing Media:** High volume water jet. Discharging cylinder shape water from fire hose may lead to spread fire to the surroundings.

5.2. Special hazards arising from the substance or mixture: The product is not flammable, and has no special danger.

Hazardous combustion products: It may release smoke, carbon monoxide, carbon dioxide and other hazardous gas from thermal decomposition.

5.3. Advice for fire-fighters:

For initial fire, use dry powder, carbon dioxide, etc.

For large fire, it is effective to use fire foam, etc. to shut off air supply.

Fire-fighters must wear self-contained breathing apparatus and full protective equipment (e.g. fire-retardant clothing). Deny unnecessary entry to the place around the fire.

Remove containers from fire area if it can be done without risk. Cool surrounding facilities, etc. with water spray.

Extinguish fire from upwind, and the fire extinguishing method should be appropriate to the situation in the surroundings.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures: Use proper personal protective equipment as indicated in Section 8.

6.2. Environmental Precautions: Keep cleaning run-offs out of municipal sewers and open bodies of water. Comply with local and national laws and regulations.

6.3. Methods and materials for containment and cleaning up:

Due to the nature of this product, there are no special measure for collection. Collect it into a proper container for disposal.

Avoid generating dust during collection and clean-up.

6.4. Reference to other sections:

For more information, please refer to Section 8 and Section 13.

7. Handling and storage

7.1. Precautions for safe handing:

Avoid breathing dust/fume.

Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment.

Wear protective gloves.

7.2. Conditions for safe storage, including any in compatibilities

Technical measures and storage conditions: Store it in a well-ventilated, cool and dry store room. Avoid long-time direct sunlight and high temperature.

Incompatible materials: No information available.

Packaging materials: Plastic bags.

Requirements for storage rooms and vessels: Well-ventilated and dry.

Storage class

Further information on storage conditions: The storeroom should be equipped with proper facilities for accidental fire.

7.3. Specific end use(s): For urinal deodorizing.

8. Exposure controls/personal protection

8.1. Control parameters:

Ingredients	COSHH Workplace exposure limits-TWA	OSHA PEL-TWA	ACGIH TLV-TWA
No ingredients have an exposure limit	Not available	Not available	Not available

8.2. Exposure controls:

8.2.1. Appropriate engineering controls

Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. Install washer eyes and safety showers near to the handling and storage area.

8.2.2. Personal protection equipment: No special requirements under normal conditions.

8.2.3 Environmental exposure controls:

Maintain levels below Community environmental protection thresholds.

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

General Information	
Appearance	Solid Blue
Odour	Spring Orchid
Odour threshold	No data available
pH	6-8
Melting point/freezing point	75℃
Initial boiling point and boiling range	170℃
Flash point	260℃
Evaporation rate	No data available
Flammability (solid, gas)	Non-flammable
Flammable/Explosive Limits-Lower Vol %	No data available
Flammable/Explosive Limits-Upper Vol %	No data available
Vapour pressure	No data available
Vapour density	No data available
Density	0.948 g/mL (25℃) (Relative density)
Solubility (water)	Non-flammable
Partition coefficient: n-octanol/water	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Viscosity	No data available
Explosive properties	No data available
Oxidizing properties	No data available

9.2. Other information: Not available.

10. Stability and reactivity

10.1. Reactivity: No information available.

10.2. Chemical stability: This product is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

10.3. Possibility of hazardous reactions: No information available.

10.4. Conditions to avoid: No information available.

10.5. Incompatible materials: No information available.

10.6. Hazardous decomposition products: No information available.

11. Toxicological information

11.1. Information on toxicological effects:

Acute toxicity:

Ingredient (s)	CAS No.	LD $_{50}$/LC $_{50}$ (Median lethal dose)
EVAEthylene vinyl acetate（EVA）	24937-78-8	No data available

Benzyl benzoate	120-51-4	Acute toxicity (Oral) LD_{50}＞2,000 mg/kg (rat) Data source: ECHA Acute toxicity (Dermal) LD_{50}＞2 ml/kg (rabbit) Data source: ECHA
Ethyl 3-methyl-3-phenylglycidate	77-83-8	Acute toxicity (Oral) LD_{50}: 4050mg/kg (rat) Data source: KOSHA Acute toxicity (Dermal) LD_{50}＞5470mg/kg (rabbit) Data source: KOSHA
Ethyl maltol	4940-11-8	Acute toxicity (Oral) LD_{50}: 3,339 mg/kg (rat) Data source: ECHA Acute toxicity (Dermal) LD_{50}＞2,000 mg/kg (rabbit) Data source: ECHA
Galaxolide	1222-05-5	Acute toxicity (Oral) LD_{50}＞4,640 mg/kg (rat) Data source: ECHA Acute toxicity (Dermal) LD_{50}＞10,000 mg/kg (rat) Data source: ECHA
Vanillin	121-33-5	Acute toxicity (Oral) LD_{50}: 3925mg/kg (rat) Data source: ECHA Acute toxicity (Dermal) LD_{50}＞5010mg/kg (rat) Data source: ECHA
Phenethyl alohol	60-12-8	Acute toxicity (Oral) LD_{50}: 1,603.3 mg/kg (rat) Data source: ECHA Acute toxicity (Dermal) LD_{50}: 2,535 mg/kg (rabbit) Data source: ECHA
LINALOOL	78-70-6	Acute toxicity (Oral) LD_{50}: 2,790 mg/kg (rat) Data source: ECHA Acute toxicity (Dermal) LD_{50}≥3,578-≤ 8,374 mg/kg (rabbit) Data source: ECHA Acute toxicity (Inhalation) LC_{50}＞3.2 mg/L (rat) Data source: ECHA
Limonene	5989-27-5	Acute toxicity (Oral) LD_{50}＞2,000 mg/kg (rat) Data source: ECHA Acute toxicity (Dermal) LD_{50}＞5,000 mg/kg (rabbit) Data source: ECHA
Lyral	31906-04-4	Acute toxicity (Oral) LD_{50}: 3,250 mg/kg (rat) Data source: KOSHA Acute toxicity (Dermal) LD_{50}: 11,300 mg/kg (rabbit) Data source: KOSHA
HERBAL PROPIONATE	17511-60-3	Acute toxicity (Oral) LD_{50}＞5,000 mg/kg (rat) Data source: KOSHA Acute toxicity (Dermal) LD_{50}≥5,000 mg/kg (rabbit) Data source: KOSHA

	Dihdro	18479-58-8	Acute toxicity (Oral) LD_{50}: 4,100 mg/kg (rat) Data source: ECHA Acute toxicity (Dermal) LD_{50}＞5,000 mg/kg (rabbit) Data source: ECHA	
	Benzyl acetate	140-11-4	Acute toxicity (Oral) LD_{50}＞2,000 mg/kg (rat) Data source: ECHA Acute toxicity (Dermal) LD_{50}＞5,000 mg/kg (rabbit) Data source: ECHA	
	Classification of the whole product:		Not classified	
	Skin corrosion/irritation:		Vanillin (CAS: 121-33-5): Category 2 (Data source: ECHA) LINALOOL (CAS: 78-70-6): Category 2 (Data source: ECHA) Limonene (CAS: 5989-27-5): Category 2 (Data source: CLP) Dihdro (CAS: 18479-58-8): Category 2 (Data source: ECHA) Classification of the whole product: Not classified	
	Serious eye damage/eye irritation:		Ethyl maltol (CAS: 4940-11-8): Category 2 (Data source: ECHA) Phenethyl alohol (CAS: 60-12-8): Category 2 (Data source: ECHA) LINALOOL (CAS: 78-70-6): Category 2 (Data source: ECHA) Dihdro (CAS: 18479-58-8): Category 2 (Data source: ECHA) Classification of the whole product: Not classified	
	Respiratory sensitizer: **Skin sensitizer:**		No classification for this product. alpha-Hexylcinnamaldehyde (HCA) (CAS: 101-86-0):	
	Germ cell mutagenicity:		Category 1 (Data source: ECHA) Ethyl maltol (CAS: 4940-11-8): Category 1 (Data source: ECHA) Vanillin (CAS: 121-33-5): Category 1B (Data source: ECHA) LINALOOL (CAS: 78-70-6): Category 1 (Data source: CLP) Limonene (CAS: 5989-27-5): Category 1 (Data source: CLP) Lyral (CAS: 31906-04-4): Category 1A (Data source: CLP) Classification of the whole product: Category 1A	
	Carcinogenicity:		No classification for this product.	
	Reproductive Toxicity:		No classification for this product. Classification of the whole product: Not classified	
	Specific target organ toxicity, single exposure:		No classification for this product.	
	Specific target organ toxicity, repeated exposure:		No classification for this product.	

Aspiration hazard:	No classification for this product.
Effects on or via lactation:	No classification for this product.

12. Ecological information

12.1. Toxicity:

Benzyl benzoate (CAS: 120-51-4):

96h-LC_{50}: 2.32 mg/L, fish (Danio rerio) (Data source: ECHA)

48h-EC_{50}: 3.09 mg/L, aquatic invertebrates (Daphnia magna) (Data source: ECHA)

72h-EC_{50}: 0.311 mg/L, algae (Pseudokirchneriella subcapitata) (Data source: ECHA)

Hazardous to the aquatic environment, long-term hazard - Category 2 (Data source: CLP)

Ethyl 3-methyl-3-phenylglycidate(CAS: 77-83-8):

96h-LC_{50}: 4.2 mg/L, fish (Data source: ECHA, KOSHA)

48h-LC_{50}: 5.2mg/L, Crustaceans (Data source: ECHA, KOSHA)

96h-EC_{50}: 4.2 mg/L, algae (Data source: ECHA, KOSHA)

Hazardous to the aquatic environment, acute hazard - Category 1 (Data source: ECHA, KOSHA)

Hazardous to the aquatic environment, long-term hazard - Category 2 (Data source: ECHA, KOSHA)

Ethyl maltol (CAS: 4940-11-8):

96h-LC_{50}: 1.03 mg/L, fish (Danio rerio) (Data source: ECHA)

48h-LC_{50}: 2.25 mg/L, aquatic invertebrates (Daphnia magna) (Data source: ECHA) 48h-NOEC: 0.894 mg/L, aquatic invertebrates (Daphnia magna) (Data source: ECHA)

Hazardous to the aquatic environment, long-term hazard - Category 3 (Data source: ECHA)

Galaxolide (CAS: 1222-05-5):

96h-LC_{50}: 0.95 mg/L, fish (Oryzias latipes) (Data source: ECHA)

36d-LOEC: 0.14 mg/L, fish (Pimephales promelas) (Data source: ECHA)

48h-EC_{50}: 0.3 mg/L, aquatic invertebrates (Daphnia magna) (Data source: ECHA)

21d-NOEC: 0.111 mg/L, aquatic invertebrates (Daphnia magna) (Data source: ECHA)

Hazardous to the aquatic environment, acute hazard - Category 1 (Data source: CLP)

Hazardous to the aquatic environment, long-term hazard - Category 1 (Data source: CLP)

Vanillin (CAS: 121-33-5):

96h-LC_{50}: 2.04 mg/L, fish (Danio rerio) (Data source: ECHA)

21d-NOEC＞0.2 mg/L, fish (Pimephales promelas) (Data source: ECHA)

Hazardous to the aquatic environment, long-term hazard - Category 3 (Data source: ECHA)

Phenethyl alohol (CAS: 60-12-8):

96h-LC_{50}: 215-464 mg/L, fish (Leuciscus idus) (Data source: ECHA)

Limonene (CAS: 5989-27-5):

96h-LC_{50}: 0.72 mg/L, fish

8d-NOEC: 0.37 mg/L, fish

48h-EC_{50}: 0.307 mg/L, aquatic invertebrates

21d-NOEC: 0.153 mg/L, aquatic invertebrates

72h-EC_{50}: 0.32 mg/L, algae

Hazardous to the aquatic environment, acute hazard - Category 1 (Data source: CLP)

Hazardous to the aquatic environment, long-term hazard - Category 1 (Data source: CLP)

Benzyl acetate (CAS: 140-11-4):

96h-LC_{50}: 4 mg/L, fish (Oryzias latipes) (Data source: ECHA)
28d-NOEC: 0.92 mg/L, fish (Oryzias latipes) (Data source: ECHA)
Hazardous to the aquatic environment, long-term hazard - Category 3 (Data source: ECHA)
o-tert-Butylcyclohexyl acetate(CAS: 88-41-5):
96h-LC_{50}: 1.8 mg/L, fish (Carassius auratus) (Data source: ECHA)
14d-LC_{50}: 3.5 mg/L, fish (Data source: ECHA)
Hazardous to the aquatic environment, long-term hazard - Category 3 (Data source: ECHA) Classification of the whole product: Hazardous to the aquatic environment, long-term hazard - Category 2.

12.2. Persistence and Degradability:

Ethyl 3-methyl-3-phenylglycidate(CAS: 77-83-8): 2.4-2.8 log Kow (Data source: KOSHA)

12.3. Bioaccumulative Potential:

Ethyl 3-methyl-3-phenylglycidate(CAS: 77-83-8): 28d - 97% (Data source: KOSHA)

12.4. Mobility in Soil: No information available.

12.5. Results of PBT and vPvB Assessment: No information available.

12.6. Other adverse effects: Not found.

12.7. Additional information: No information available.

13. Disposal considerations

13.1. Waste treatment methods

13.1.1. Product / Packaging disposal:

It is recommended to use incineration method to dispose of waste.

After contents are completely removed, dispose of its container at hazardous or special waste collection point.

Waste codes / waste designations according to LoW

EWC code: 19 01 07

In other countries different conditions might be valid. All national and local laws have to be considered.

13.1.2. Waste treatment-relevant information:

Paste a label on the container indicating the possible hazards of the waste.

13.1.3. Sewage disposal-relevant information:

Do not discharge waste into sewage without any treatment.

13.1.4. Other disposal recommendations: Any disposal practice must be in compliance with country, local, state, and federal laws and regulations.

14. Transport Information

ADR and RID / Air-Transportation- IATA/ICAO/Sea-Transportation-IMO/IMDG.:

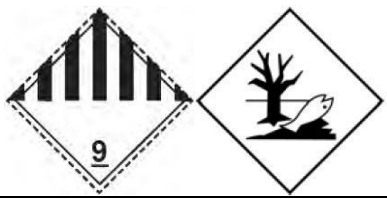
14.1. UN number: 3077

14.2. UN proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.

14.3. Transport hazard class (es): 9

14.4. Packing group: III

14.5. Assigned Pictogram:



14.6. Environmental hazards (Marine Pollutant (Yes/No)): Yes.

14.7.EMS NO.: F-A S-F

14.8. Special precautions for user: Check whether the package is completed or sealed before transporting; make sure no damage of packages and prevent goods from falling down during transporting; the transport vehicle should be equipped with facilities for fire-fighting and accidental release handling; do NOT transport this product together with incompatible substances; stay away from fire and areas of high temperature during stopovers.

14.9. Transport in bulk according to Annex II of MARPOLand the IBC Code: Not applicable.

15. Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture: Candidate List of Substances of very high concern (SVHC) according to ECHA: Not listed.

REACH Regulation Annex XVII Regulation List: Not listed.

REACH Regulation Annex XIV Authorization List: Not listed.

Germany – WGK: WGK-2.

15.2. Chemical Safety Assessment: A Chemical Safety Assessment has not been carried out.

Other relevant regulations:

Sara:

Section 355 (extremely hazardous substances): Not listed.

SARA 313: Not listed.

Toxic Substances Control Act (TSCA):

Ingredient (s)	CAS No.	TSCA Inventory
Ethylene vinyl acetate (EVA）	24937-78-8	Listed
Benzyl benzoate	120-51-4	Listed
Ethyl3-methyl-3-phenylglycidate	77-83-8	Listed
Ethyl maltol	4940-11-8	Listed
Galaxolide	1222-05-5	Listed
Vanillin	121-33-5	Listed
Phenethyl alohol	60-12-8	Listed
LINALOOL	78-70-6	Listed
Limonene	5989-27-5	Listed
Lyral	31906-04-4	Listed
HERBAL PROPIONATE	17511-60-3	Listed
Dihdro	18479-58-8	Listed
Benzyl acetate	140-11-4	Listed

o-tert-Butylcyclohexyl acetate	88-41-5	Listed	

Clean Water Act:

Chemical Name	CWA –Reportable Quantities Substances	CWA-Toxic Pollutants	CW-Priority Pollutants	CWA-Hazardous
Not applicable	Not applicable	Not listed	Not listed	Not listed

Carcinogenicity categories: Not listed by ACGIH, IARC and NTP.

16. Other information

DISCLAIMER:

All the information of this SDS is true and effective, and only for reference. Our company will not control the way how people use it, neither will we be responsible for any consequence. The users shall decide how to properly use the product or adopt certain production way for some special purpose. The above-mentioned precautionary measures are helpful to avoid damage to the property or life safety during the operation or use of this product.

References:

EC No.1907/2006 (REACH)

EC No. 1272/2008 (CLP)

Commission Regulation (EU) 2015/830

For full text of Hazard- and EU Hazard-statements:	
Skin Sens. 1A	Skin sensitizer - Category 1A
Aquatic Chronic 2	Hazardous to the aquatic environment, long-term hazard - Category 2

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Classification according to Regulation (EC) Nr. 1272/2008	**Classification procedure**
Skin Sens. 1A; H317	Concentration threshold
Aquatic Chronic 2; H411	Concentration threshold

Full description of some acronyms:

CAS-Chemical Abstracts Service

EINECS-European Inventory of Existing Commercial Chemical Substances

IMO-International Maritime Organization

IMDG-International Maritime Dangerous Goods

IATA-International Air Transport Association

ICAO-International Civil Aviation Organization

TSCA-Toxic Substances Control Act

OSHA-Occupational Safety and Health Administration

ACGIH-American Conference of Governmental Industrial Hygienists

SDS Version: 1

**********The End**********