


1. Identification of the substances/ mixture and of the company/undertaking.		
1.1 Product identifier: Antimicrobial room freshener for vaporisers		
Substance name:		
EC NO:	CAS NO:	UFI:
Index No:	Reach Registration No:	
1.2 Relevant identified uses of the substance or mixture and uses advised against		
Identified uses:		
Uses advised against:		
1.3 Details of the supplier of the safety data sheet		
Company	Penny Price Aromatherapy Ltd	
	Unit D3 Radius Court	
	Maple Drive	
	Hinckley	
	Leicestershire LE10 3BE	
Email	info@penny-price.com	
1.4 Emergency Telephone Number	00 44 (0) 1455 251020 opening hours Mon – Thurs 9am – 5pm, Fri 9am – 2pm. Or call NHS 111 or NHS 999	

2. Hazards Identification		
2.1 Classification of the substance or mixture		
Classified according to Regulation (EC) 1272/2008 (CLP) as amended	Physical and Chemical Hazards	
	Human Health	
	Environment	Aquatic Tox. - H314
2.2 Label Element Labelling according to Regulation (EC) No.1272/2008:		
		
Signal Word. Warning, Flammable		
Hazard statements.		
H226	Flammable liquid and vapour	
H242	Heating may cause a fire	
H301	Toxic if swallowed	
H302	Harmful if swallowed	
H304	May be fatal if swallowed and enters airways	
H317	May cause an allergic skin reaction	
H413	May cause long lasting harmful effects to aquatic life	
Precautionary statements.		
P102	Keep out of reach of children	
P210	Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking	

P211	Do not spray on an open flame or other ignition sources
P270	Do not eat, drink or smoke when using this product
P403	Store in a well-ventilated place
P410	Protect from sunlight
P301 + P312	IF SWALLOWED: Call a POISON CENTRE / doctor if you feel unwell
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P410 + P403	Protect from sunlight. Store in a well-ventilated place.
2.3 Other hazards –	

3. Composition/ Information on Ingredients:

3.2 Substances - Mixtures

CAS No	EC No	Index No.	REACH Registration No.	% (Weight)	Substance name	Classified according to Regulation (EC) No 1272/2008 (CLP)	SCL, M-Factor, ATE
68855-99-2	290-018-7			>25≤50	Litsea Cubeba Fruit Oil		
8023-99-2	281-679-2			>25≤50	Pinus Sylvestris Leaf Oil		
8007-46-3	285-397-0			>25≤50	Thymus Vulgaris (Thymol) Leaf Oil		
8000-28-0	289-995-2			>5≤10	Lavandula Angustifolia (Lavender) Flower Oil		

4. First Aid Measures

4.1 General	Consider the precautionary statements.
Inhalation	Remove from exposure site to fresh air. Keep at rest. Obtain medical attention.
Eye contact	Rinse immediately with plenty of cold water for at least 5 minutes. Contact a doctor if symptoms persist.
Skin contact	Remove contaminated clothes. Wash thoroughly with soap and water, flush with plenty of water. If irritation persists seek medical attention.

Ingestion	Rinse mouth out with soap and water. Seek medical advice at once. Do NOT induce vomiting unless directed to do so by medical personnel.
4.2 Most important symptoms and effects, both acute and delayed:	
4.3 Indication of any immediate medical attention and special treatment need	
5. Firefighting Media	
5.1 Extinguishing Media:	
Suitable extinguishing media:	Use CO2 dry powder or foam type of extinguishers, spraying extinguishing media to base of flames.
Unsuitable extinguishing media:	Do not use direct water jet on burning material.
5.2 Special hazards arising from the substances or mixture	
Hazardous combustion products:	
Advice for firefighters	Avoid vapour inhalation. Keep away from sources of ignition. Do not smoke. Wear positive pressure self-contained breathing apparatus and protective clothing.
Extinguishing procedures	Closed containers may build up pressure when exposed when exposed to heat and should be cooled with water spray.
6 Accidental release measures	
6.1 Personal precautions, protective equipment, and emergency procedures	
6.1.1 For non-emergency personnel	
Protective equipment:	Avoid inhalation and direct contact with skin and eyes. Use individual protective equipment (safety glasses, waterproof boots, suitable protective clothing) in case of major spillages.
Emergency procedures:	
6.1.2 For Emergency responders	
6.2 Environmental precautions	Keep away from drains, soils, surface, and ground waters.

6.3 Methods for cleaning up – 6.3.1 For containment:	Remove all potential ignition sources. Contain spilled material.
6.3.1 For cleaning up:	Cover with an inert or non-combustible inorganic material or sweep up and remove to an approved disposal container.
6.3.3. Other information:	Observe state federal and local disposal regulations.
6.4 Reference to other sections	

7. Handling and storage	
7.1 Precautions for safe handling	
Protective measures:	
Measures to prevent fire:	Keep away from ignition sources and naked flames. Take precautions to avoid static discharge in working areas.
Measures to prevent aerosol and dust generation:	Apply good manufacturing practice and industrial hygiene practices, ensuring proper ventilation. Observe good personal hygiene and do not eat, drink, or smoke whilst handling. Avoid static discharge
Measures to protect the environment:	Keep away from drains, soils, surface and ground water
Advice on general occupational hygiene:	Store in tightly closed original container, in a cool, dry, and ventilated area away from heat sources and protected from light. Keep air contact to a minimum.
7.2 Conditions for safe storage, including any incompatibilities	
Technical measures and storage conditions:	Apply good manufacturing practice and industrial hygiene practices, ensuring proper ventilation. Observe good personal hygiene and do not eat, drink or smoke whilst handling. Avoid static discharge
Packaging Materials:	Glass Lacquer lined steel/tin Aluminium F/HDPE
Requirements for storage and vessels:	Store only in unopened original receptacles. Keep receptacle tightly sealed, under dry conditions and away from light.
Storage Class: Further information on storage containers:	
7.3 Specific end use(s).	
Recommendations:	
Industrial sector specific solutions:	

8. Exposure controls/Personal protection	
8.1 Control parameters	

8.2 Exposure controls	
8.2.2 Personal Protection equipment	
(a) Eye / face protection	Use Safety Glasses
(b) Skin Protection	Avoid all skin contact
Hand protection	Use chemically resistant gloves
Other skin protection	Wash hands with soap and water after handling
(c) Respiratory protection	Avoid breathing product vapour.
Ventilation	Ensure good ventilation of working area
(d) Thermal hazards	-
8.2.3 Environmental exposure controls	
9. Physical and chemical properties- C of A	
9.1 Information on basic physical and chemical properties	
Colour	Pale Yellow
Appearance	Oil
Odour	Floral/ Sweet
Flash point °C	-
pH	-
Specific gravity d ₂₀ ²⁰	0.9-0.98
Optical rotation @ 20°C	-
Refractive index @ 20°C	1.4-1.5
Solubility in 75% ethanol @ 20°C	Yes
Solubility in vegetable oils	Yes
Solubility in water	No
Typical analysis of major components	-
Lethal Dose 70kg Adult (ml)	-
9.2 Other information	

10. Stability and reactivity	
10.1 Reactivity	It presents no significant reactivity hazards, by itself or in contact with strong acids, alkalis, or oxidising agents.
10.2 Chemical Stability	-
10.3 Possibility of hazardous reactions:	-
10.4 Conditions to avoid:	-
10.5 Incompatible Materials:	-
10.6 Hazardous Decomposition Products	Liable to cause smoke and acrid fumes during combustion: carbon monoxide, carbon dioxide and other non-identified organic compounds may be formed.

11. Toxicological information	
11.1 Information on hazard classes as defined in Regulation (EC) No 1272 /2008	
Acute toxicity:	Not classified as toxic

Skin corrosion /irritation:	=
Seriously eye damage/irritation:	=
Respiratory or skin sensitisation:	=
Germ cell mutagenicity:	=
Carcinogenicity:	=
Reproductive toxicity:	=
Summary of evaluation of the CMR properties:	=
STOT- single exposure,	=
STOT-repeated exposure:	=
Aspiration hazard:	=

12. Ecological information	
12.1 Toxicity	N/A
12.2 Persistency degradability	Data not available.
12.3 Bio accumulative potential	Prevent surface contamination of soil, ground, and surface water.
12.4 Mobility in soil	-
12.5 Results of PBT and vPvB Assessment	-
12.6 Endocrine disrupting properties	-
12.7 Other adverse effects	-

13. Disposal considerations	
13.1 Waste treatment methods	
13.1.1. Product /Packaging disposal:	Waste codes/ waste designations to List of Waste codes.
13.1.2 Waste treatment-relevant information:	In accordance with local, regional, national, international regulations.
13.1.3 Sewage disposal-relevant information:	Do not dispose into a drainage system and into the environment. Seek expert advice.
13.1.4 Other disposal-relevant recommendations:	

14. Transport information	
14.1 UN Number or ID number	
14.2 UN proper Shipping name	
14.3 Transport hazard class(es)	
14.4 Packing group	
14.5 Environmental hazards	Hazardous to the environment, toxic to aquatic life.
14.6 Special precautions for user	
14.7 Maritime transport in bulk according to IMO instruments	

15 Regulatory information	
15.1 Safety, health, and environmental regulations / legislation specific for the substance or mixture	
I.e., EU Directives	Directive 2012/18/EU
15.2 Chemical Safety Assessment	

16. Other information

(i) **Revised Safety Data Sheet Format:** From March 2019. – Section 2 and 3 have changed places, additional points added under each section in line with Regulation EC) No 1272/2008 Version 4.2 March 2021’.

(ii) **Abbreviation and Acronyms:**

DNEL: Derived No-Effect Level.

PNEC: Predicted No- Effect Concentration.

ADR: European agreement concerning the international carriage of dangerous goods by road.

RID: Regulations concerning the International carriage of Dangerous goods by rail.

IATA-DGR: Dangerous Goods Regulations by the “International Air Transport Association” (IATA)

ICAO: International Civil Aviation Organisation

ICAO-TI: Technical Instructions by the ‘International Civil Aviation Organisation” (ICAO)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

ICAO: International Maritime Dangerous Goods.

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

WGK: Water Hazard Class.

LC50: Lethal concentration, 50 percent

LD50: Lethal Dose, 50 percent

PBT: Persistent, Bio accumulative and Toxic

vPvB: Very Persistent and very Bio accumulative

Flam. Liq: Flammable Liquid

AT: Acute Toxicity – O = Oral / D = Dermal / I = Inhalation

Asp: Aspiration Hazard

Skin Corr/ Irrit: Skin Corrosion / Irritation

Skin Sens: Skin Sensation

Eye Dam/ Irrit: Eye damage / Irritation

Muta: Mutagenic

Carc: Carcinogenic

Resp: Respiration Sensitive

Repro: Reproductive Sensitive

EH A: Environmental Hazard Aquatic Acute

EH C: Environmental Hazard Aquatic Chronic

(iii) **Key Literature references and sources of data:**

(iv) **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
(v) Relevant H- Statements (number and full text)	
(vi) Training advice:	
(vii) Further information:	
Shelf life	Minimum 12 months when stored in the advised conditions.
QC requirements	
In line with general product specification. Always satisfy suitability for specific application. Retest after 6 months.	
Disclaimer:	
The data provided in this material safety data sheet is meant to represent typical data/analysis for this product and is correct to the best of our knowledge. The data was obtained from current and reliable sources, but is date supplied without warranty, expressed, or implied, regarding its correctness or accuracy. It is the user's responsibility to determine safe conditions for the use of this product and to assume liability for loss, injury, damage, or expense arising from improper use of this product. The information provided does not constitute a contract to supply to any specification or for any given application and buyers should seek to verify their requirements and product use.	