



1. Identification of the substances / mixture and of the company/undertaking.	
1.1 Product identifier: Benzoin Resinoid 20%	
Substance name:	
EC NO:	CAS NO:
Index No:	Reach Registration No:
1.2 Relevant identified uses of the substance or mixture and uses advised against	
Identified uses: No further relevant information available.	
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	No information	
	Human Health	Acute Tox. 4	H302
		Skin Sens. 1	H317
	Environment	Aquatic Acute 1	H400
Aquatic Chronic. 2		H411	
2.2 Label Element Labelling according to Regulation (EC) No.1272/2008:			
 			
Signal Word. WARNING			
Hazard statements.			
H302	Harmful if swallowed	H317	May cause an allergic skin reaction
H400	Very toxic to aquatic life	H411	Toxic to aquatic life with long lasting effects
Precautionary statements.			
P261	Avoid breathing dust/fume/gas/mist/vapours/spray	P273	Avoid release to the environment.
P280	Wear protective gloves.	P301+P312	IF SWALLOWED: Call a POISON CENTER/ doctor if you feel unwell.

P501	Dispose of contents/ containers in accordance with local/ regional/ national/ international regulations.	P330	Rinse mouth
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2.3 Other hazards – Results of PBT and vPvB

PBT:	Not applicable
vPvB	Not applicable

3. 1 Composition / information on ingredients:

Substance name	Index number under CLP Annex VI	Weight % content (or range)	CL, M-Factor, ATE
Benzyl benzoate	CAS: 120-51-4 EINECS: 204-402-9	50-90%	Aquatic Acute. 1=H400 Aquatic Chronic. 2 = H411 Acute Tox. 4 = H302
Siam benzoin	CAS: 9000-72-0 EINECS: 232-556-7	10-25%	Skin Sens. 1B = H317

4. First Aid Measures

4.1 General	Immediately remove any clothing soiled by the product. Symptoms of poisoning may even occur after several hours, therefore medical observation for at least 48 hours after the accident.
Inhalation	Remove person to fresh air and keep comfortable for breathing. Get medical advice/attention if required.
Eye contact	Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.
Skin contact	Take off all contaminated clothing. Rinse skin with water/shower. If irritation persists seek medical attention
Ingestion	Rinse mouth out with water. Do NOT induce vomiting. Immediately call POISON CENTER or GP. Do not give milk or fatty oils.

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

	No further relevant information available.
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4.3 Indication of any immediate medical attention and special treatment need

	No further relevant information available.
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5. Firefighting Measures

5.1 Extinguishing Media:

Suitable extinguishing media:	Carbon dioxide (CO ₂) or water spray. Fight larger fires with water spray or alcohol resistant foam.
Unsuitable extinguishing media:	Do not use a water extinguisher with full jet.

5.2 Special hazards arising from the substances or mixture

Hazardous combustion products:	Carbon monoxide (CO)
Advice for firefighters	No special measures required.

6 Accidental release measures	
6.1 Personal precautions, protective equipment, and emergency procedures	
6.1.1 For non-emergency personnel	
Protective equipment:	Protective gloves as mentioned in section 8.
Emergency procedures:	No further information.
6.1.2 For Emergency responders	No further information.
6.2 Environmental precautions	Avoid release to the environment. Keep away from drains, soils, surface, and ground waters.
6.3 Methods for cleaning up – 6.3.1 For containment:	Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
6.3.2 For cleaning up:	Dispose of in accordance with local/ regional/ national/ international regulations.
6.3.3. Other information:	Ensure adequate ventilation.
6.4 Reference to other sections	See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.
7. Handling and storage	
7.1 Precautions for safe handling	
Protective measures: Ensure good ventilation/ exhaustion at the workplace. Prevent formation of aerosols.	
Measures to prevent fire:	No special measures required.
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.
Measures to protect the environment:	Reduce the release of the substance or mixture to the environment, such as avoiding spills or keeping away from drains.
Advice on general occupational hygiene:	Store in tightly closed original container, in a dry, cool, and well-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:	
Packaging Materials:	
Requirements for storage and vessels:	
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	Ingredients with limit values that require monitoring at the workplace: The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
Additional information:	The lists valid during the making were used as basis.
8.2 Exposure controls	Keep away from foodstuff, beverages. Wash hands before breaks and at the end of work.
8.2.2 Personal Protection equipment	
8.2.2.1 Eye / face protection	Wear approved safety goggles recommended during refilling
8.2.2.2 Skin Protection	Wear protective clothing in case of splashes
Hand protection	Protective gloves. <i>The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation</i> Material of gloves <i>The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the</i>

	<p><i>resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application.</i></p> <p>Penetration time of glove material</p> <p><i>The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.</i></p>
Other skin protection	Wear protective clothing. Wash contaminated clothing before reuse. Eyewash station and washing facilities are recommended.
8.2.2.3 Respiratory protection	Not required.
Ventilation	Provide adequate ventilation.
8.2.2.4 Thermal hazards	No further information.
8.2.3 Environmental exposure controls	No further information.
9. Physical and chemical properties- C of A	
9.1 Information on basic physical and chemical properties	
Colour	According to product specification
Appearance	Liquid
Odour	Characteristic
Melting Point / freezing point	Undetermined
Boiling point /Initial boiling point & boiling range	
Flammability	Not applicable
Lower and upper explosion limit	
Flash point °C (Closed cup – ASTM D6450)	>65°C
Auto- ignition temperature	Product is not self-igniting
Decomposition	Not determined
Explosive properties:	Product does not present an explosion hazard.
Explosion limits: Lower:	Not determined
Explosion limits: Upper:	Not determined
pH	
Kinematic Viscosity	
Solubility	
Partition coefficient n-octanol/ water (log value)	
Vapour Pressure	Not determined
Density and /or relative density	Not determined
Evaporation rate	Not determined
Solubility in/miscibility with water:	Not miscible or difficult to mix.
Solvent content:	
Solid's content:	20.0%
Relative vapour density	
Particle characteristics	

9.2 Other information	No further relevant information available
Specific gravity d_{20}^{20}	
Optical rotation @ 20°C	
Refractive index @ 20°C	
Typical analysis of major components	



10. Stability and reactivity	
10.1 Reactivity	No further relevant information available
10.2 Chemical Stability	Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications
10.3 Possibility of hazardous reactions:	No dangerous reactions known
10.4 Conditions to avoid:	No further relevant information available
10.5 Incompatible Materials:	No further relevant information available
10.6 Hazardous Decomposition Products	No dangerous decomposition products known

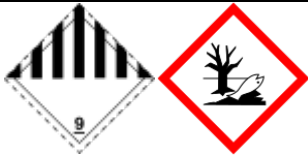
11. Toxicological information	
11.1 Information on hazard classes as defined in Regulation (EC) No 1272 /2008	
Acute toxicity:	Harmful if swallowed
LD/LC50 values relevant for classification:	120-51-4 Benzyl benzoate
Oral	LD50 1,500 mg/kg (rat)
Dermal	LD50 4,000 mg/kg (rabbit)
Skin corrosion /irritation:	Based on available data, the classification criteria are not met.
Seriously eye damage/irritation:	Based on available data, the classification criteria are not met.
Respiratory or skin sensitisation:	May cause an allergic skin reaction
Germ cell mutagenicity:	Based on available data, the classification criteria are not met
Carcinogenicity:	Based on available data, the classification criteria are not met
Reproductive toxicity:	Based on available data, the classification criteria are not met
Summary of evaluation of the CMR properties:	(Carcinogenetic, mutagenicity and toxicity for reproduction)
STOT- single exposure,	Based on available data, the classification criteria are not met
STOT-repeated exposure:	Based on available data, the classification criteria are not met
Aspiration hazard:	Based on available data, the classification criteria are not met

12. Ecological information	
12.1 Toxicity	Aquatic toxicity: No further relevant information available

12.2 Persistency degradability	No further relevant information available
12.3 Bio accumulative potential	No further relevant information available
12.4 Mobility in soil	No further relevant information available
12.5 Results of PBT and vPvB Assessment	PBT: Not applicable vPvB: Not applicable
12.6 Endocrine disrupting properties	
12.7 Other adverse effects	Ecotoxicological effects; Remark: Very toxic for fish. Toxic for fish. Additional ecological information: General notes: Do not allow product to reach ground water, water course or sewage system. Danger to drinking water if even small quantities leak into the ground. Also poisonous for fish and plankton in water bodies. Very toxic for aquatic organisms. Toxic for aquatic organisms

13. Disposal considerations	
13.1 Waste treatment methods	Dispose of contents/ containers in accordance with local/ regional/national/international regulations
13.1.1. Product /Packaging disposal:	Dispose of contents/ containers in accordance with local/ regional/national/international regulations
13.1.2 Waste treatment-relevant information:	No further information available
13.1.3 Sewage disposal-relevant information:	No further information available
13.1.4 Other disposal-relevant recommendations:	No further information available

14. Transport information	
14.1 UN Number or ID number .ADR, IMDG, IATA	UN3082
14.2 UN proper Shipping name . ADR	UN3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Benzyl benzoate, Benzyl cinnamate)
. IMDG	ENVIRONMENTAL HAZARDOUS SUBSTANCE, N.O.S. (Benzyl benzoate, Benzyl cinnamate), MARINE POLLUTANT
. IATA	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Benzyl benzoate, Benzyl cinnamate)
14.3 Transport hazard class(es)	
. ADR   . Class . Label	9 (M6) Miscellaneous dangerous substances and articles. 9
. IMDG, IATA	

 . Class . Label	9 Miscellaneous dangerous substances and articles. 9
14.4 Packing group . ADR, IMDG, IATA	III
14.5 Environmental hazards . Marine pollutant: . Special marking (ADR): . Special marking (IATA):	Product contains environmentally hazardous substance: Benzyl benzoate Yes Symbol (fish and tree) Symbol (fish and tree) Symbol (fish and tree)
14.6 Special precautions for user . Hazard identification number (Kemler code): . EMS Number: . Stowage Category	Warning: Miscellaneous dangerous substances and articles. 90 F-A, S-F A
14.7 Maritime transport in bulk according to IMO instruments . Transport/ Additional information	Transport in bulk according to Annex II of Marpol and the IBC Code; Not applicable
. ADR . Limited quantities (LQ) . Excepted quantities (EQ) . Transport category . Tunnel restriction code	5L Code; E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 100ml 3 -
. IMDG . Limited quantities (LQ) . Excepted quantities (EQ)	5L Code: E1 Maximum net quantity per inner packaging: 30ml Maximum net quantity per outer packaging: 100ml
. UN "Model Regulation".	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (BENZYL BENZOATE, BENZYL CINNAMATE), 9, III

15 Regulatory information

15.1 Safety, health, and environmental regulations / legislation specific for the substance or mixture

i.e., EU Directives . Named dangerous substances – . Seveso category E1 Trade name:	Directive 2012/18/EU ANNEX I None of the ingredients is listed. Hazardous to the Aquatic Environment BENZOIN RESINOID 20%
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. Qualifying quantity (tonnes) for the application of lower-tier requirements 100 t

 . Qualifying quantity (tonnes) for the application of upper-tier requirements 200 t

 REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restrictions: 3

15.2 Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out.

16. Other information

(i) Indication of Changes: 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) Abbreviations and acronyms:

RID: Reglement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Good by Rail).

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (LATA)

ICAO: International Civil Aviation Organisation

ICAO-TI: Technical Instructions by the 'International Civil Aviation Organisation" (ICAO)

ADR: Accord europeen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

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)

LC50: Lethal concentration, 50 percent

LD50: Lethal Dose, 50 percent

PBT: Persistent, Bio accumulative and Toxic

vPvB: Very Persistent and very Bio accumulative

Acute Tox 4: Acute toxicity – oral – Category 4

Skin Sens. 1: Skin Sensitisation – Category 1

Skin Sens. 1B: Skin Sensitisation – Category 1B

Aquatic Acute 1: Hazardous to the aquatic environment – acute aquatic hazard – Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment – long term aquatic hazard – Category 2

. **Sources** Michel RIQUIER / Technical Manager

. * **Data compared to the previous version altered.**

(iii) Key Literature references and sources of date.

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

Classification according to

Classification procedure

Regulation (EC) 1272/2008(CLP)	
(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.	