

## Safety data sheet according to 1907/2006/EC, Article 31

Printing date 21.06.2021

Revision: 21.06.2021

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

**. 1.1 Product identifier**

**. Trade name:** BENZOIN RESINOID 50 %

**. Article number:** HRFUK 250

**. 1.2 Relevant identified uses of the substance or mixture and uses advised against**  
No further relevant information available.

**. Application of the substance / the mixture** Multi uses

**. 1.3 Details of the supplier of the safety data sheet**

**. Manufacturer/Supplier:**

**Purple Flame Aromatherapy Limited**

**Unit 1 Holman Way**

**Nuneaton, Warwickshire, CV11 4PN**

**TEL: 01676 542542**

**E-mail: info@purpleflame.co.uk**

**. Further information obtainable from:** Department Essential Oils .

### SECTION 2: Hazards identification

**. 2.1 Classification of the substance or mixture**

**. Classification according to Regulation (EC) No 1272/2008**



GHS09 environment

Aquatic Acute 1 H400 Very toxic to aquatic life.

Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects.



GHS07

Skin Sens. 1 H317 May cause an allergic skin reaction.

**. 2.2 Label elements**

**. Labelling according to Regulation (EC) No 1272/2008**

The product is classified and labelled according to the CLP regulation.

**. Hazard pictograms**



GHS07 GHS09

**. Signal word** Warning

**. Hazard-determining components of labelling:**

Siam benzoin

**. Hazard statements**

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.

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- P273 Avoid release to the environment.  
 P280 Wear protective gloves.  
 P333+P313 If skin irritation or rash occurs: Get medical advice/attention.  
 P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

**. 2.3 Other hazards**

**. Results of PBT and vPvB assessment**

. **PBT:** Not applicable.

. **vPvB:** Not applicable.

### SECTION 3: Composition/information on ingredients

**. 3.2 Chemical characterisation: Mixtures**

. **Description:** NCS (UVCB) Constituents Information

**. hazardous components:**

CAS: 120-51-4	Benzyl Benzoate	25-50%
EINECS: 204-402-9	⚠ Aquatic Acute 1, H400; Aquatic Chronic 2, H411; ⚠ Acute Tox. 4, H302	
CAS: 9000-72-0	Siam Benzoin	25-50%
EINECS: 232-556-7	⚠ Skin Sens. 1B, H317	

. **Additional information:** For the wording of the listed hazard phrases refer to section 16.

### SECTION 4: First aid measures

**. 4.1 Description of first aid measures**

. **General information:** Immediately remove any clothing soiled by the product.

**. After inhalation:**

Supply fresh air and to be sure call for a doctor.

In case of unconsciousness place patient stably in side position for transportation.

Supply fresh air.

**. After skin contact:**

Immediately wash with water and soap and rinse thoroughly.

Immediately rinse with water.

If skin irritation continues, consult a doctor.

. **After eye contact:** Rinse opened eye for several minutes under running water.

. **After swallowing:** Inform doctor. Do not give milk or fatty oils.

. **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.

. **4.3 Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

### SECTION 5: Firefighting measures

**. 5.1 Extinguishing media**

**. Suitable extinguishing agents:**

CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

. **For safety reasons unsuitable extinguishing agents:** Water with full jet

. **5.2 Special hazards arising from the substance or mixture** Carbon monoxide (CO)

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- . 5.3 Advice for firefighters
- . Protective equipment: No special measures required.

**SECTION 6: Accidental release measures**

- . 6.1 Personal precautions, protective equipment and emergency procedures Not required.
- . 6.2 Environmental precautions:
  - Do not allow product to reach sewage system or any water course.
  - Inform respective authorities in case of seepage into water course or sewage system.
  - Do not allow to enter sewers/ surface or ground water.
- . 6.3 Methods and material for containment and cleaning up:
  - Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
  - Dispose contaminated material as waste according to item 13.
  - 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.

**SECTION 7: Handling and storage**

- . 7.1 Precautions for safe handling
  - Ensure good ventilation/exhaustion at the workplace.
  - Prevent formation of aerosols.
- . Information about fire - and explosion protection: No special measures required.
- . 7.2 Conditions for safe storage, including any incompatibilities
  - . Storage:
    - . Requirements to be met by storerooms and receptacles: Store only in unopened original receptacles.
    - . Information about storage in one common storage facility: Not required.
    - . Further information about storage conditions: Store in the dark.
- . 7.3 Specific end use(s) No further relevant information available.

**SECTION 8: Exposure controls/personal protection**

- . Additional information about design of technical facilities: No further data; see item 7.
- . 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
  - . Personal protective equipment:
    - . General protective and hygienic measures:
      - Immediately remove all soiled and contaminated clothing
      - Wash hands before breaks and at the end of work.
    - . Respiratory protection: Not required.

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**. Protection of hands:**

Protective gloves

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

**. Material of gloves**

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 resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

**. Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

**. Eye protection:** Goggles recommended during refilling

## SECTION 9: Physical and chemical properties

**. 9.1 Information on basic physical and chemical properties****. General Information****. Appearance:**

<b>Form:</b>	Liquid
<b>Colour:</b>	According to product specification
<b>Odour:</b>	Characteristic

**. pH-value:** Not determined.

**. Change in condition**

**Melting point/freezing point:** Undetermined.

**. Flash point (closed cup - ASTM D6450):** >70 °C

**. Flammability (solid, gas):** Not applicable.

**. Decomposition temperature:** Not determined.

**. Auto-ignition temperature:** Product is not selfigniting.

**. Explosive properties:** Product does not present an explosion hazard.

**. Explosion limits:**

<b>Lower:</b>	Not determined.
<b>Upper:</b>	Not determined.

**. Vapour pressure:** Not determined.

**. Density:**

<b>Relative density at 20 °C</b>	1,120 - 1,180
<b>Vapour density</b>	Not determined.
<b>Evaporation rate</b>	Not determined.

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- |  |  |
|--|--|
| <b>. Solubility in / Miscibility with water:</b> | Not miscible or difficult to mix.          |
| <b>. Solvent content:</b>                        |  |
| <b>Solids content:</b>                           | 50.0 %                                     |
| <b>. 9.2 Other information</b>                   | No further relevant information available. |

**SECTION 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.

**SECTION 11: Toxicological information**

- . **11.1 Information on toxicological effects**
- . **Acute toxicity** Based on available data, the classification criteria are not met.

**. LD/LC50 values relevant for classification:**

120-51-4 Benzyl benzoate

- . **Primary Irritant Effect:**
- . **Skin corrosion/irritation:** Based on available data, the classification criteria are not met.
- . **Serious eye damage/irritation:** Based on available data, the classification criteria are not met.
- . **Respiratory or skin sensitisation:** May cause an allergic skin reaction.

**SECTION 12: Ecological information**

- . **12.1 Toxicity: Aquatic toxicity:** No further relevant information available.
- . **12.2 Persistence and degradability:** No further relevant information available.
- . **12.3 Bioaccumulative potential:** No further relevant information available.
- . **12.4 Mobility in soil:** No further relevant information available.
- . **Ecotoxicological effects: Remark:** Very toxic for fish

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**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**

### SECTION 13: Disposal considerations

## . 13.1 Waste treatment methods:

## . Recommendation:

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

## . Uncleaned packaging:

. Recommendation: Disposal must be made according to official regulations.

### SECTION 14: Transport information

## . 14.1 UN-Number

. ADR, IMDG, IATA

UN3082

## . 14.2 UN proper shipping name

. ADR

UN3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Benzyl benzoate, Siam benzoin)

. IMDG

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Benzyl benzoate, Siam benzoin), MARINE POLLUTANT

. IATA

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Benzyl benzoate, Siam benzoin)

## . 14.3 Transport hazard class(es)

. ADR



. Class

9 (M6) Miscellaneous dangerous substances and articles.

. Label

9

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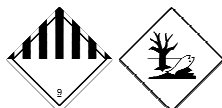
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**. IMDG, IATA**

<b>. Class</b>	9 Miscellaneous dangerous substances and articles.
<b>. Label</b>	9
<b>. 14.4 Packing group</b>	
<b>. ADR, IMDG, IATA</b>	III
<b>. 14.5 Environmental hazards:</b>	
<b>. Marine pollutant:</b>	Yes Symbol (fish and tree)
<b>. Special marking (ADR):</b>	Symbol (fish and tree)
<b>. Special marking (IATA):</b>	Symbol (fish and tree)
<b>. 14.6 Special precautions for user</b>	Warning: Miscellaneous dangerous substances and articles.
<b>. Hazard identification number (Kemler code):</b>	90
<b>. EMS Number:</b>	F-A,S-F
<b>. Stowage Category</b>	A
<b>. 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code</b>	Not applicable.
<b>. Transport/Additional information:</b>	
<b>. ADR</b>	
<b>. Limited quantities (LQ)</b>	5L
<b>. Excepted quantities (EQ)</b>	Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
<b>. Transport category</b>	3
<b>. Tunnel restriction code</b>	-
<b>. IMDG</b>	
<b>. Limited quantities (LQ)</b>	5L
<b>. Excepted quantities (EQ)</b>	Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
<b>. UN "Model Regulation":</b>	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (BENZYL BENZOATE, SIAM BENZOIN), 9, III

**SECTION 15: Regulatory information**

- . 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- . Directive 2012/18/EU**
  - . Named dangerous substances - ANNEX I** None of the ingredients is listed.
  - . Seveso category E1** Hazardous to the Aquatic Environment
  - . Qualifying quantity (tonnes) for the application of lower-tier requirements** 100 t
  - . Qualifying quantity (tonnes) for the application of upper-tier requirements** 200 t

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- . **REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3
- . **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### SECTION 16: Other information

**. Relevant phrases**

- 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.*

**. Department issuing SDS: Department Essentials Oils**

**. Abbreviations and acronyms:**

- RID: Regulations Concerning the International Transport 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)*
- ADR: Accord européen 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, Bioaccumulative and Toxic*
- vPvB: very Persistent and very Bioaccumulative*
- 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*

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