





Safety Data Sheet

01. IDENTIFICATION OF THE SUBSTANCE/PREPARATION & THE COMPANY/UNDERTAKING

1.1 Product Identifier					
Product Name		Sandalwood Fragrance Imperial			
Biological Definition		A mixture of natural and synthetic materials to replicate the odour profile of Sandalwood.			
INCI Name		Parfum			
Synonyms & Trade Names		-			
CAS-No	n/a	EC No.	n/a	EINECS No.	n/a
1.2 Relative identified uses of the substance or mixture and uses advised against					
Suitable for use in cosmetics, fragrances and professional applications only.					
1.3 Details of the supplier of the safety data sheet					
Golden Bough Botanicals Inc 12-1585 Cliveden Ave Delta BC V3M 6M1					
1.4 Emergency Tel. No.		604-540-8700 (Monday-Friday 8:30 am-4:30 pm)			

02. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture	
The full text for all hazard statements is displayed in section 16.	
Classification (EC 1272/2008)	
Physical hazards:	Not classified.
Health hazards:	Skin Corrosion / Irritation Category 2 Eye Damage / Irritation Category 2 Sensitization - Skin Category 1
Environmental hazards:	Hazardous to the Aquatic Environment - Long-term Hazard Category 2
2.2 Label Elements	
Label in accordance with (EC) No 1272/2008	
GHS07 	GHS09 
Signal Word	Warning.
Contains	EUH208, Contains Eugenol, Isoeugenol, d-Limonene, dl-Citronellol, alpha-iso-Methylionone, alpha-Hexylcinnamaldehyde, 1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl) ethanone, 4-tert-Butylcyclohexyl acetate, (Z)-3,4,5,6,6-Pentamethylhept-3-en-2-one. May produce an allergic reaction.
Hazard Statements	
H315, Causes skin irritation. H317, May cause an allergic skin reaction. H319, Causes serious eye irritation.	

H411, Toxic to aquatic life with long lasting effects.	
Precautionary Statements	
<p>P261, Avoid breathing vapour or dust. P264, Wash hands and other contacted skin thoroughly after handling. P272, Contaminated work clothing should not be allowed out of the workplace. P273, Avoid release to the environment. P280, Wear protective gloves/eye protection/face protection. P302/352, IF ON SKIN: Wash with plenty of soap and water. P305/351/338, IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P333/313, If skin irritation or rash occurs: Get medical advice/attention. P337/313, If eye irritation persists: Get medical advice/attention. P362, Take off contaminated clothing and wash before reuse. P391, Collect spillage. P501, Dispose of contents/container to approved disposal site, in accordance with local regulations.</p>	
Supplementary Precautionary Statements	
None.	
2.3 Other Hazards	
PBT or vPvB according to Annex XIII	This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.
Adverse physio-chemical properties	No additional data available.
Adverse effects on human health	No additional data available.

03. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures		
5.0 – 10.0% Acetyl cedrene	Cas No: 32388-55-9	EC No: 251-020-3
Classification (EC 1272/2008): SS 1B-EH A1-EH C1; H317-H410		
5.0 – 10.0% 4-tert-Butylcyclohexyl acetate	Cas No: 32210-23-4	EC No: 250-954-9
Classification (EC 1272/2008): SS 1B; H317		
1.0 - 5.0 % Benzyl salicylate	Cas No: 118-58-1	EC No: 204-262-9
Classification (EC 1272/2008): SS 1B-EH C3;H317, H412		
1.0 - 5.0 % 1,3,4,6,7,8-Hexahydro-4,6,6,7,8,8-hexamethylcyclopentagamma-2-benzopyran	Cas No: 1222-05-5	EC No: 214-946-9
Classification (EC 1272/2008): EH A1-EH C1;H410		
1.0 - 5.0 % 3-(5,5,6-Trimethylbicyclo[2.2.1]hept-2-yl)cyclohexan-1-ol	Cas No: 3407-42-9	EC No: 222-294-1
Classification (EC 1272/2008): SCI 2-EDI 2-EH C3; H315-H319-H412		
1.0 - 5.0 % Eugenol	Cas No: 97-53-0	EC No: 202-589-1
Classification (EC 1272/2008): EDI 2-SS 1B;H317, H319		

1.0 - 5.0 % 1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone	Cas No: 54464-57-2	EC No: 259-174-3
Classification (EC 1272/2008): SCI 2-SS 1B-EH C1; H315-H317-H410		
1.0 - 5.0 % Phenethyl alcohol	Cas No: 60-12-8	EC No: 200-456-2
Classification (EC 1272/2008): ATO 4-EDI 2;H302, H319		
1.0 - 5.0 % alpha-iso-Methylionone	Cas No: 127-51-5	EC No: 204-846-3
Classification (EC 1272/2008): SCI 2-SS 1B-EH C2; H315-H317-H411		
1.0 - 5.0 % Z)-3,4,5,6,6-Pentamethylhept-3-en-2-one	Cas No: 81786-73-4	EC No: 279-822-9
Classification (EC 1272/2008): SS 1B-EH C2;H317-H411		
1.0 - 5.0 % Naturally occurring terpenes and sesqui terpenes	Cas No: n/a	EC No: n/a
Classification (EC 1272/2008): AH 1;H304		
1.0 - 5.0 % alpha-Hexylcinnamaldehyde	Cas No: 101-86-0	EC No: 202-983-3
Classification (EC 1272/2008): SS 1B-EH A1-EH C2; H317-H400-H411		
1.0 - 5.0 % Linalool	Cas No: 78-70-6	EC No: 201-134-4
Classification (EC 1272/2008): SCI 2-EDI 2;H315-H319		
1.0 - 5.0 % Hydrocarbons, C11-C14, N-Alkanes, <2% Aromatics	Cas No: 64742-47-8	EC No: 926-141-6
Classification (EC 1272/2008): AH 1;H304		
≤1.0 % Limonene	Cas No: 5989-27-5	EC No: 227-813-5
Classification (EC 1272/2008): FL 3-SCI 2-SS 1B-AH 1-EH A1-EH C1;H226- H304-H315-H317- H410,-		
≤1.0 % alpha-Guaiene	Cas No: 3691-12-1	EC No:
Classification (EC 1272/2008): SCI 2-EDI 2-AH 1; H304-H315-H319		
≤1.0 % alpha-Cedrene	Cas No: 469-61-4	EC No: 207-418-4
Classification (EC 1272/2008): AH 1-EH A1-EH C1; H304-H410		
≤1.0 % Isoeugenol	Cas No: 97-54-1	EC No: 202-590-7
Classification (EC 1272/2008): ATO 4-ATD 4-SCI 2-EDI 2-SS 1A;H302-H312-H315-H317-H319		

≤1.0 % Citronellol	Cas No: 106-22-9	EC No: 203-375-0
Classification (EC 1272/2008):		
≤1.0 % beta-Caryophyllene	Cas No: 87-44-5	EC No: 201-746-1
Classification (EC 1272/2008):		
≤1.0 % Geraniol	Cas No: 106-24-1	EC No: 203-377-1
Classification (EC 1272/2008): SCI 2-EDI 1-SS 1; H315-H317-H318		
≤1.0 % Guaiene	Cas No: 88-84-6	EC No: 201-860-1
Classification (EC 1272/2008): SCI 2-EDI 2-AH 1; H304-H315-H319		
≤1.0 % beta-Cedrene	Cas No: 546-28-1	EC No: 208-898-8
Classification (EC 1272/2008): EH A1-EH C1;H410		
≤0.1 % beta-Pinene	Cas No: 127-91-3	EC No: 204-872-5
Classification (EC 1272/2008): FL 3-SCI 2-SS 1B-AH1-EH A1-EH C1;H226-H304-H315-H317-H410		
≤0.1 % p-Mentha-1,4-diene	Cas No: 99-85-4	EC No: 202-794-6
Classification (EC 1272/2008): FL 3-AH 1;H226-H304		
≤0.1 % alpha-Pinene	Cas No: 80-56-8	EC No: 201-291-9
Classification (EC 1272/2008): FL 3-SCI 2-SS 1B-AH1-EH A1-EH C1;H226-H304-H315-H317-H410		
≤0.1 % 3,7-Dimethyl-1,3,6-octatriene	Cas No: 13877-91-3	EC No: 237-641-2
Classification (EC 1272/2008): FL 3-AH 1;H226-H304,		
≤0.1 % Myrcene	Cas No: 123-35-3	EC No: 204-622-5
Classification (EC 1272/2008): FL 3-SCI 2-EDI 2-AH 1; H226-H304-H315-H319		
≤0.1 % p-Cymene	Cas No: 99-87-6	EC No: 202-796-7
Classification (EC 1272/2008): FL 3-AH 1-EH C2; H226-H304-H411		
≤0.1 % Terpinolene	Cas No: 586-62-9	EC No: 209-578-0
Classification (EC 1272/2008): SS 1B-AH 1-EH A1-EH C1;H304-H317-H410		

	Substances with Community workplace exposure limits:	
	20 – 50% Diethyl phthalate	Cas No: 84-66-2 EC No: 201-550-6

04. FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation	Remove from exposure area to fresh air. Get medical advice/attention.
Ingestion	Do not induce vomiting. Ingestion may cause nausea and vomiting. Immediately rinse mouth and provide fresh air. Get medical advice/attention.
Skin Contact	Remove contaminated clothing immediately and wash skin with soap and water. Get medical advice/attention if any discomfort continues.
Eye Contact	Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical advice/attention. Continue to rinse.

4.2 Most important symptoms and effects, both acute and delayed

Eye contact:	Causes serious eye irritation.
Skin Contact:	Causes skin irritation. May cause an allergic skin reaction.
Inhalation:	Not specified
Ingestion:	Not specified

4.3 Indication of any immediate medical attention and special treatment needed

see Section 4.1 for further information.

05. FIRE-FIGHTING MEASURES

5.1 Extinguishing Media

Extinguishing media: Carbon dioxide (CO₂). Dry chemical powder. Alcohol resistant foam.

5.2 Special hazards arising from the product

In case of fire, may be liberated: Carbon monoxide, Unidentified organic compounds.

5.3 Advice for firefighters

In case of insufficient ventilation, wear suitable respiratory equipment.

06. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Avoid inhalation. Avoid contact with skin and eyes. See protective measures under Section 7 and 8.

6.2 Environmental Precautions

Keep away from drains, surface and ground water, and soil.

6.3 Methods and material for containment and cleaning up.

Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Contain spillage immediately by use of sand or inert powder. Dispose of according to local regulations.

6.4 Reference to other sections

See Section 8 for information on personal protection equipment
See Section 13 for disposal information

07. HANDLING AND STORAGE

7.1 Precautions for safe handling

Keep away from heat, sparks, open flames and hot surfaces. - No smoking. Use personal protective equipment as required. Use in accordance with good manufacturing and industrial hygiene practices. Use in areas with adequate ventilation Do not eat, drink or smoke when using this product.

09. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties	
Appearance	Clear Oily liquid, pale yellow to yellow.
Colour	Pale yellow to yellow.
Odour	Characteristic.
Relative Density	Approx. 1.036 @ 20°C
Flash Point (°C)	> 70
Refractive Index	Approx. 1.502 @ 20°C
Melting Point (°C)	No additional data available.
Boiling Point (°C)	No additional data available.
Vapour Pressure	No additional data available.
Solubility in Water @20°C	No additional data available.
Auto-ignition temperature (°C)	No additional data available.
9.2 Other information	
No additional data available.	

10. STABILITY AND REACTIVITY

10.1 Reactivity	
Presents no significant reactivity hazard, by itself or in contact with water.	
10.2 Chemical stability	
Chemically stable material under the recommended storage and handling conditions..	
10.3 Possible hazardous reactions	
Not expected under normal conditions of use.	
10.4 Conditions to Avoid	
Avoid heat, flames and other sources of ignition.	
10.5 Incompatible materials	
Avoid contact with strong acids, alkalis or oxidising agents.	
10.6 Hazardous Decomposition Products	
Not expected under normal temperature conditions and recommended use.	

11. TOXOLOGICAL INFORMATION

11.1 Information on toxicological effects	
Acute Toxicity	This mixture has not been tested as a whole for health effects. The health effects have been calculated using the methods outlined in Regulation (EC) No 1272/2008 (CLP). Acute Toxicity: Based on available data the classification criteria are not met. Acute Toxicity Oral >5000 Acute Toxicity Dermal >5000 Acute Toxicity Inhalation: Not Available
Skin corrosion / irritation	Skin Corrosion / Irritation Category 2
Serious eye damage / irritation	Eye Damage / Irritation Category 2
Respiratory or skin sensitisation	Sensitization - Skin Category 1
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.

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.		
Photo-toxicity	No additional data available.		
Other Information	Phenethyl alcohol	Cas No: 60-12-8	EC No:200-456-2
	LD50/ATE Oral	1610	
	LD50/ATE Dermal	2500	
	LD50/ATE Inhalation	Not available.	
	LC50 Route	Not available.	

12. ECOLOGICAL INFORMATION



12.1 Toxicity
Toxic to aquatic life with long lasting effects.
12.2 Persistence & degradability
No additional data available.
12.3 Bioaccumulation Potential
No additional data available.
12.4 Mobility in soil
No additional data available.
12.5 Results of PBT and vPvB Assessment
This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.
12.6 Other adverse effects
Do not allow product to enter streams, sewers or other waterways.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods
Dispose of in accordance with local regulations. Avoid disposing into drainage systems and into the environment. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. TRANSPORT INFORMATION

14.1 UN number	
UN No. Road	3082
UN No. SEA	3082
UN No. AIR	3082
14.2 UN proper shipping name	
ENVIRONMENTALLY HAZARDOUS SUBSTANCE LIQUID N.O.S. (Acetyl cedrene, alpha-Cedrene)	
14.3 Transport hazard class(es)	
ADR/RID/ADN Class:	9: Miscellaneous dangerous substances and articles.
IMDG Class:	9
ICAO Class/Division:	9

14.3 Transport hazard class(es)
Transport Labels 
14.4 Packing group
ADR/RID/ADN Packing group III IMDG Packing group III ICAO Packing group III
14.5 Environmental hazards
Environmentally Hazardous Substance/Marine Pollutant 
14.6 Special precautions for user
No additional precaution.
14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC code
Not applicable.

15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
<u>Statutory Instruments</u> The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716). <u>Guidance Notes</u> Workplace Exposure Limits EH40. CHIP for everyone HSG(108). <u>EU Legislation</u> Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.
15.2 Chemical safety assessment
No additional information available.

16. OTHER INFORMATION

Hazard and/or Precautionary Statements in Full	H226 Flammable liquid and vapour. H302 Harmful if swallowed. H304 May be fatal if swallowed and enters airways. H312 Harmful in contact with skin. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H319 Causes serious eye irritation. H400 Very toxic to aquatic life.
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	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
Other Information	None.
Revision Date	June 25, 2018
Reason for revision	01 New SDS
Rev No/Repl, SDS Generated	01

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