



Safety Data Sheet

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

1.1 Product Identifier					
Product Name		Gardenia Fragrance			
Biological Definition		A mixture of synthetic fragrance compounds to replicate the fragrance of Gardenia flowers.			
INCI Name		Parfum			
Synonyms & Trade Names		-			
CAS-No	-	EC No.	-	EINECS No.	-
1.2 Relative identified uses of the substance or mixture and uses advised against					
Concentrated material for manufacturing purposes 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 displayed in Section 16.	
Classification (EC 1272/2008)	
Physical and Chemical Hazards	Not classified.
Human health	SCI 2 Skin corrosion/irritation, category 2 SS 1 Skin sensitisation, category 1 EDI 2 Eye damage/irritation, category 2
Environment	Aquatic hazard, chronic, category 2
2.2 Label Elements	
Label in accordance with (EC) No 1272/2008	
GHS07	GHS09
Signal Word	Warning.
Contains	Contains Amyl Cinnamal, Benzyl Alcohol, Benzyl Benzoate, Benzyl Salicylate, Butylphenyl Methylpropional (Lilial), Citral, Citronellol, Coumarin, Eugenol, Geraniol, Hexyl Cinnamal, Hydroxycitronellal, Hydroxyisohexyl 3-Cyclohexene Carboxaldehyde (Lylal), Isoeugenol,
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	
P261 Avoid breathing fumes. P272 Contaminated work clothing should not be allowed out of the workplace. P273 Avoid release to the environment. P280 Wear protective gloves and eye protection P302+P352 IF ON SKIN: Wash with plenty of soap and water. P321 Specific treatment (see % on this label). P333+P313 If skin irritation or rash occurs: Get medical advice. P363 Wash contaminated clothing before reuse. P391 Collect spillage. Hazardous to the aquatic environment P501 Dispose of contents and container in accordance with local regulation	
Supplementary Precautionary Statements	
None.	
2.3 Other Hazards	
PBT or vPvB according to Annex XIII	No additional data available.
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% Phenethyl alcohol	CAS: 60-12-8	EC: 200-456-2	
Classification (EC 1272/2008) EDI 2, H319			
5.0 – 10.0% Benzyl salicylate	CAS: 118-58-1	EC: 204-262-9	
Classification (EC 1272/2008) SS 1B, EH C2; H317, H412,			
5.0 – 10.0% alpha-Hexylcinnamaldehyde	CAS: 101-86-0	EC: 202-983-3	
Classification (EC 1272/2008) SS 1, EH A1, EH C1; H317, H400, H410			
5.0 – 10.0% 4-tert-Butylcyclohexyl acetate	CAS: 32210-23-4	EC: 250-954-9	
Classification (EC 1272/2008) SS 1, EH C2, H317, H411			
3.0 - 5.0% Terpeneol extra	CAS: 98-55-5	EC: 232-954-9	
Classification (EC 1272/2008) SCI 2, H315			
1.0 - 3.0% 1,3,4,6,7,8-Hexahydro-4,6,6,7,8,8-Hexamethylcyclopenta-Gamma-2-Benz	CAS: 1222-05-5	EC: 214-268-1	
Classification (EC 1272/2008) EH A1,C1 H400,H410			
1.0 - 3.0% Dihydromyrcenol (2,6-Dimethyloct-7-En-2-Ol)	CAS: 18479-58-8	EC: 242-362-4	
Classification (EC 1272/2008) SCI 2, H315			

1.0 - 3.0% P-Tert-Butyl-Alpha-Methylhydrocinnamic Aldehyde (Lilestralis)		
CAS: 80-54-6	EC: 201-289-8	
Classification (EC 1272/2008) ATO 4, SCI 2, SS 1, REP 2, EH C2, H302, H315, H317, H361, H411		
1.0 - 3.0% Linalool		
CAS: 78-70-6	EC: 201-134-4	
Classification (EC 1272/2008) EDI 2, SCI 2, H315, H319		
1.0 - 3.0% 2-(4-Methyl-1-Cyclohex-3-Enyl)Propan-2-Yl Acetate (Alpha Terpineol Acetate)		
CAS: 80-26-2	EC: 201-265-7	
Classification (EC 1272/2008) EH C2, H411		
1.0 - 3.0% d-Limonene (p-Mentha-1,8-diene)		
CAS: 5989-27-5	EC: 227-813-5	
Classification (EC 1272/2008) FL 3, SCI 2, SS 1B, AH 1, EH A1, C1, H226, H304, H315, H317, H400, H410		
1.0 - 3.0% Geraniol		
CAS: 106-24-1	EC: 203-377-1	
Classification (EC 1272/2008) SCI 2, EDI 1, SS 1, H315, H317, H318		
≤ 1.0% 2-Benzylideneheptanal (Alpha-Amylcinnamic Aldehyde)		
CAS: 122-40-7	EC: 204-541-5	
Classification (EC 1272/2008) SCI 2, SS 1, EH C2, H315, H317, H411		
≤ 1.0% Estragole (Methyl Chavicol)		
CAS: 140-67-0	EC: 205-427-8	
Classification (EC 1272/2008) ATO 4, SS 1, CAR 2, H302, H317, H351		
≤ 1.0% Dimethylcyclohex-3-Ene-1-Carboxaldehyde (Ligustral)		
CAS: 27939-60-2	EC: 248-742-6	
Classification (EC 1272/2008) SCI 2, SS 1, EDI 2, EH C3, H315, H317, H319, H412		
≤ 1.0% Coumarin		
CAS: 91-64-5	EC: 202-086-7	
Classification (EC 1272/2008) ATO 4, SS 1, H302, H317		

04. FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation	Remove from the exposure area to fresh air. Contact a doctor if necessary.
Ingestion	Wash mouth with plenty of water and obtain medical advice immediately.
Skin Contact	Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if any discomfort continues or there is any sign of tissue damage.
Eye Contact	Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention if any discomfort continues.

4.2 Most important symptoms and effects, both acute and delayed

No additional data available.

4.3 Indication of any immediate medical attention and special treatment needed
No additional data available.

05. FIRE-FIGHTING MEASURES

5.1 Extinguishing Media
Suitable extinguishing media: Carbon dioxide (CO ₂), dry chemical or foam. Unsuitable extinguishing media: DO NOT USE A DIRECT WATER JET.
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
Wear protective clothing and avoid inhalation of vapours.

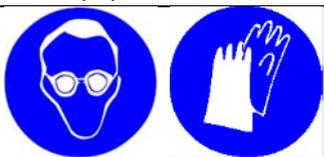
06. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures
Remove all sources of ignition. Avoid inhalation, skin and eye contact. Ensure proper ventilation.
6.2 Environmental Precautions
Do not discharge into drains, water courses or onto the ground.
6.3 Methods and material for containment and cleaning up.
Soak up spillage with sand or other inert absorbent material such as earth or vermiculite; transfer used material to a suitable waste container and dispose in accordance with regulations.
6.4 Reference to other sections
Refer to information in Sections 7, 8 and 13.

07. HANDLING AND STORAGE

7.1 Precautions for safe handling
Maintain good occupational and personal hygiene. Avoid inhalation and contact with skin and eyes.
7.2 Conditions for safe storage, including any incompatibilities
Store in tightly sealed original containers away from ignition sources and in a cool place.
7.3 Specific end use(s)
No additional data available.

08. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters	
No additional data available.	
8.2 Exposure controls	
Protective Equipment	
	
Process Conditions	Provide eyewash station. Wash hands before breaks and at the end of work.
Engineering Measures	Provide adequate ventilation.
Respiratory Equipment	Not generally required. Use inhalation protection in poorly ventilated areas.
Hand Protection	Wear protective gloves.

Eye Protection	Wear eye protection/face protection.
Other Protection	Wear overalls. Always wash routinely before breaks, meals and at the end of the work period.
Hygiene Measures	Good personal hygiene practices are always advisable, especially when working with chemicals / oils. Keep away from foodstuffs, beverages and feed.
Personal Protection	Refer to Section 5 for specific fire/chemical personal protective equipment advice. Always wash routinely before breaks, meals and at the end of the work period.
Skin Protection	Wear apron or protective clothing in case of splashes.
Environmental Exposure Controls	Avoid discharging into drainage water. Only eliminate by authorised companies.

09. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Mobile liquid, pale yellow to bright yellow.
Colour	Pale yellow to bright yellow.
Odour	Characteristic.
Relative Density	Approx. 0.996 @ 20°C
Flash Point (°C)	> 70.0
Refractive Index	Approx. 1.474 @ 20°C
Melting Point (°C)	No additional data available.
Boiling Point (°C)	No additional data available.
Vapour Pressure	
Solubility in Water @20°C	No additional data available.
Auto-ignition temperature (°C)	Does not present an explosion hazard.

9.2 Other information

No additional data available.

10. STABILITY AND REACTIVITY

10.1 Reactivity

No additional data available.

10.2 Chemical stability

No additional data available.

10.3 Possible hazardous reactions

No additional data available.

10.4 Conditions to Avoid

Avoid extreme temperatures.

10.5 Incompatible materials

Avoid highly reactive chemicals which may produce unknown reaction products and so cause additional hazards.

10.6 Hazardous Decomposition Products

No additional data available.

11. TOXOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute Toxicity	No additional data available.
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Skin corrosion / irritation	No additional data available.
Serious eye damage / irritation	No additional data available.
Respiratory or skin sensitisation	No additional data available.
Germ Cell Mutagenicity	No additional data available.
Carcinogenicity	No additional data available.
Reproductive toxicity	No additional data available.
STOT-single exposure	No additional data available.
STOT-repeated exposure	No additional data available.
Aspiration hazard	No additional data available.
Photo-toxicity	No additional data available.
Other Information	No additional data available.

12. ECOLOGICAL INFORMATION

12.1 Toxicity
No additional data available. Avoid soil, surface water and water-bearing stratum contamination.
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
No additional data available.
12.6 Other adverse effects
No additional data available.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods
Refer to the information in section 8 (Exposure controls and personal protection). Dispose in accordance with the law and local regulations. Treat as trade effluent.

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 (2-(PHENYLMETHYLIDENE)OCTANAL (ALPHA-HEXYLCINNAMALDEHYDE))	
14.3 Transport hazard class(es)	
ADR/RID/ADN Class	9

IMDG Class	9
ICAO Class/Division	9
Transport Labels	
	
14.4 Packing group	
ADR/RID/ADN Packing group	III
IMDG Packing group	III
ICAO Packing group	III
14.5 Environmental hazards	
No additional data available.	
14.6 Special precautions for user	
No additional data available.	
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	
<p>Statutory Instruments The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).</p> <p>Guidance Notes Workplace Exposure Limits EH40. CHIP for everyone HSG (108).</p> <p>EU Legislation 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.</p>	
15.2 Chemical safety assessment	
No additional information available.	

16. OTHER INFORMATION

Hazard and/or Precautionary Statements in Full	<p>H226 Flammable liquid and vapour</p> <p>H302 Harmful if swallowed</p> <p>H304 May be fatal if swallowed and enters airways</p> <p>H315 Causes skin irritation</p> <p>H317 May cause an allergic skin reaction</p> <p>H318 Causes serious eye damage</p> <p>H319 Causes serious eye irritation</p> <p>H351 Suspected of causing cancer %</p> <p>H361 Suspected of damaging fertility or the unborn child % %</p> <p>H400 Very toxic to aquatic life</p> <p>H410 Very toxic to aquatic life with long lasting effects</p> <p>H411 Toxic to aquatic life with long lasting effects</p> <p>H412 Harmful to aquatic life with long lasting effects</p>
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One Other Information	None
Revision Date	September 13, 2017
Reason for revision	New SDS
Rev No/Repl, SDS Generated	01

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