

SAFETY DATA SHEET

In compliance with Regulation (EC) No 1907/2006

20070 GUAIAAC FOREST

1. IDENTIFICATION OF THE PREPARATION AND THE COMPANY	
1.1 Product identifier Product identifier / No: UFI:	20070 GUAIAAC FOREST 8EC3-N037-N00K-61TT
1.2 Relevant identified uses of the mixture and uses advised against:	Perfuming agent for finished consumer products. Not for personal use in this form or concentration.
1.3 Details of the supplier of the safety data sheet:	Perfumedom Theodoros Ant. Vasiliadis Ag. Panteleimonos 1, Thessaloniki 56123 Greece Email: sales@perfumedom.com
1.4 Emergency telephone number:	+30 23 1111 0366

2. HAZARD IDENTIFICATION	
2.1 Classification of the substance or mixture	
2.1.1 Classification according to Regulation (EC) No 1272/2008:	 GHS07 Exclamation mark Acute Tox. 4 oral H302 Harmful if swallowed. Skin Irrit. 2 H315 Causes skin irritation. Skin Sens. 1 H317 May cause an allergic skin reaction.  GHS09 Environment Aquatic Acute 1 H400 Very toxic to aquatic life. Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects.

2.2 Label elements	
2.2.1 Hazard pictogram(s):	
2.2.2 Signal word	Danger

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2.2 Label elements

2.2.3 Hazard Statement(s):

Harmful if swallowed.
Causes skin irritation.
May cause an allergic skin reaction.
Very toxic to aquatic life.
Toxic to aquatic life with long lasting effects.

2.2.4 Precautionary statements

General:

P101 If medical advice is needed, have product container or label at hand.
P103 Read label before use.

Prevention:

P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P261 Avoid breathing dust / fume / gas / mist / vapours / spray.
P264 Wash hands thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P272 Contaminated work clothing should not be allowed out of the workplace.
P273 Avoid release to the environment.
P280 Wear protective gloves / protective clothing / eye protection / face protection.

Response in cases of accidental spillage or exposure:

P301+P312 IF SWALLOWED: Call a POISON CENTER or doctor / physician if you feel unwell.
P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P308+P313 IF exposed or concerned: Get medical advice / attention.
P321 Specific treatment
P330 Rinse mouth.
P332+P313 If skin irritation occurs: Get medical advice / attention.
P333+P313 If skin irritation or rash occurs: Get medical advice / attention.
P362 Take off contaminated clothing and wash before reuse.
P363 Wash contaminated clothing before reuse.
P391 Collect spillage.

Storage:

P405 Store locked up.

Disposal:

P501 Dispose of contents / container in accordance with government regulations.

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2.2 Label elements

Hazardous component (s) for labeling:

CAS No:	Chemical name:
80-54-6	2-Methyl-3-(4-tert-butylphenyl)-propanal
78-70-6	3,7-Dimethyl-1,6-octadien-3-ol
54464-57-2	1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8-tetramethyl-2-naphthalenyl)-ethanone
120-51-4	Benzyl benzoate

EUH208: Contains an ingredient that may produce an allergic reaction:

CAS No:	Chemical name:
32210-23-4	4-tert-Butylcyclohexyl acetate
54464-57-2	1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8-tetramethyl-2-naphthalenyl)-ethanone
78-70-6	3,7-Dimethyl-1,6-octadien-3-ol
80-54-6	2-Methyl-3-(4-tert-butylphenyl)-propanal
8016-23-7	Guaiaic wood oil
1335-46-2	3-Methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-3-buten-2-one (main component)
91-64-5	2H-1-Benzopyran-2-one
127-51-5	4-(2,6,6-Trimethyl-2-cyclohexen-1-yl)-3-methyl-3-buten-2-one
68039-49-6	2,4-Dimethyl-3-cyclohexene-1-carboxaldehyde
86803-90-9	Octahydro-5-methoxy-4,7-methano-1H-indene-2-carboxaldehyde

2.3 Other hazards

This mixture does not contain any PBT (persistent, bioaccumulative and toxic) or vPvB (very persistent and very bioaccumulative) substances according to Directive (EC) No 1907/2006.

This mixture does not contain endocrine disrupting substances according to Regulation (EU) 2017/2100.

Handling may cause static charge which may ignite the mixture.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical characterisation: Mixture of substances listed below with non-hazardous additions.

CAS-/EINECS-No: Not applicable

Quantity	CAS No EINECS No REACH No	Name	Comment	Classification (GHS)
>50%	120-51-4 204-402-9 01-2119976371-33	Benzyl benzoate		  Acute Tox. 4, Aquatic Acute 1, Aquatic Chronic 2 H302, H400, H411
5-10%	32210-23-4 250-954-9 01-2119976286-24	4-tert-Butylcyclohexyl acetate		 Skin Sens. 1B H317
5-10%	54464-57-2 259-174-3 01-2119489989-04	1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)-ethanone	M-factor: 1	  Skin Irrit. 2, Skin Sens. 1B, Aquatic

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				Chronic 1 H315, H317, H410
1-5%	78-70-6 201-134-4 01-2119474016-42	3,7-Dimethyl-1,6-octadien-3-ol		 Skin Irrit. 2, Skin Sens. 1B, Eye Irrit. 2 H315, H317, H319
1-5%	80-54-6 201-289-8 01-2119485965-18	2-Methyl-3-(4-tert-butylphenyl)-propanal		  , - Acute Tox. 4, Skin Irrit. 2, Skin Sens. 1B, Repr. 1B, Aquatic Chronic 3H302, H315, H317, H360, H412
1-5%	8016-23-7 289-632-8 01-2120138621-63	Guaiac wood oil		  Skin Irrit. 2, Skin Sens. 1B, Aquatic Chronic 2 H315, H317, H411
1-5%	1335-46-2 215-635-0 01-2119471851-35	3-Methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-3-buten-2-one (main component)		  Skin Irrit. 2, Skin Sens. 1B, Aquatic Chronic 2 H315, H317, H411
1-5%	91-64-5 202-086-7 01-2119949300-45	2H-1-Benzopyran-2-one		 Acute Tox. 4, Skin Sens. 1B H302, H317
1-5%	22457-23-4 245-010-8	5-Methyl-3-heptanone oxime		- Aquatic Chronic 3 H412
1-5%	127-51-5 204-846-3 01-2120138569-45	4-(2,6,6-Trimethyl-2-cyclohexen-1-yl)-3-methyl-3-buten-2-one		  Skin Sens. 1B, Aquatic Chronic 2 H317, H411
1-5%	14901-07-6 238-969-9 01-2119449921-34	4-(2,6,6-Trimethyl-1-cyclohexen-1-yl)-3-buten-2-one		 Aquatic Chronic 2 H411
<1%	68039-49-6 268-264-1 01-2119982384-28	2,4-Dimethyl-3-cyclohexene-1-carboxaldehyde		  Skin Irrit. 2, Skin Sens. 1B, Aquatic Chronic 2 H315, H317, H411
<1%	28219-61-6 248-908-8 01-2119529224-45	2-Ethyl-4-(2,2,3-trimethyl-3-cyclopent-1-yl)-2-buten-1-ol		  Skin Irrit. 2, Eye Irrit. 2, Aquatic Chronic 2 H315, H319, H411
<1%	104-67-6 203-225-4 01-2119959333-34	4-Undecanolide		- Aquatic Chronic 3 H412
<1%	25265-71-8 246-770-3 01-2119456811-38	Dipropylene glycol		- Nicht eingestuft -
<1%	10094-34-5 233-221-8 01-2120742578-44	1,1-Dimethyl-2-phenylethyl butyrate		Aquatic Chronic 2 H411
<1%	86803-90-9 429-860-9 01-0000017614-70	Octahydro-5-methoxy-4,7-methano-1H-indene-2-carboxaldehyde		 Aquatic Chronic 2 H317, H411
<1%	104-50-7 203-208-1 01-2120793635-41	gamma-Octalactone		 Skin Irrit. 2 H315
<1%	67801-20-1 267-140-4 01-2119940039-39	3-Methyl-5-(2,2,3-trimethyl-3-cyclopentenyl)pent-4-en-2-ol		 Aquatic Chronic 2 H411
<1%	97-54-1 202-590-7 01-2120223682-61	Isoeugenol		 Acute Tox. 4, Skin Irrit. 2, Skin Sens. 1A, Eye

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				Irrit. 2, Acute Tox. 4, STOT SE 3 H302, H312, H315, H317, H319, H332, H335 - Nicht eingestuft -
<1%	57-55-6 200-338-0 01-2119456809-23	Propylene glycol		
<1%	71048-82-3 275-156-8 01-2119535122-53	1-(2,6,6-Trimethyl-3-cyclohexen-1-yl)-2-buten-1-one	M-factor: 1	  Acute Tox. 4, Skin Irrit. 2, Skin Sens. 1A, Aquatic Acute 1, Aquatic Chronic 1 H302, H315, H317, H400, H410

See section 16 for the full text of the H statements declared above.

4. FIRST AID MEASURES

4.1 Description of first aid measures

General advice:	Seek medical advice immediately and show this safety data sheet. Take off all contaminated clothing.
Inhalation:	In case of excessive inhalation remove the person to fresh air and keep at rest in a comfortable position. Obtain medical advice immediately.
Skin contact:	Remove contaminated clothing. (N.B. - wash before re-use). Wash off skin immediately with plenty of water, using soap if available.
Eye contact:	Immediately rinse the eyes with plenty of water (15 minutes). If any sign of tissue damage or persistent irritation is apparent, obtain medical advice immediately.
Ingestion:	Rinse mouth with water. Give a glass / cup of milk / water to drink. Do not induce vomiting. Obtain medical advice immediately.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

4.3 Indication of immediate medical attention and special treatment needed

No further relevant information available.

5. FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing agents:
 - Dry extinguishing agent
 - Alcohol resistant foam
 - Carbon dioxide
 - Water spray

5.2 Special hazard arising from the substance or mixture

No specific hazard known.

5.3 Advice for fire-fighters

No specific advice.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

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6.1.1 For non-emergency personnel:	Adequate protective gloves should be worn when handling spillages. No smoking. Avoid naked flames or other potential sources of ignition (eg. electrical equipment). Avoid skin contamination and inhalation of vapour. Individual washing routines should be followed after any potential contact. Ensure adequate ventilation in working areas following accidental releases.
6.1.2 For emergency personnel:	Apply the same recommendations as section 6.1.1
6.2 Environmental precautions	
	Do not allow to enter sewers / surface or ground water.
6.3 Methods and material for containment and cleaning up	
6.3.1 For containment	Any absorbent used for cleaning up spillage should be disposed promptly, accordingly to local regulation. Gross spillages should be contained by any means, and disposal of this should be in accordance with governmental Regulations
6.3.2 For cleaning-up	Spillages should be disposed of in accordance with Governmental Regulations.
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	
	Avoid contact with skin and eyes. Wear appropriate protective gloves and goggles / face shield. Do not smoke. Avoid all sources of ignition. Avoid excessive temperature during processing. Do not ingest or apply directly to skin. Good ventilation of storage and work place.
7.1.1 Protective measures:	Keep strict control of dust accumulation to a minimum. Maintain adequate local and general ventilation where product is handled. Avoid any sources of ignition.
7.1.2 Advice on general occupational hygiene:	Good personal washing routines should be followed.
7.2 Conditions for safe storage, including any incompatibilities	
7.2.1 Requirements to be met by storerooms and receptacles:	It is good general practice to store in closed, preferably full, containers away from heat sources, and protected from extremes of temperature. Do not store below 20 °C Protect from light. Do not re-use the empty container.
7.2.2 Information about storage in one common storage facility:	No further relevant information available.
7.2.3 Further information about storage conditions:	Not available
7.3 Specific end use(s)	
	Perfuming of consumer products

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:

Ingredient	Value	Short-term value [mg/m ³]	Long-term value [mg/m ³]	Base	CAS-No	Publication
Dipropylene glycol					25265-71-8	
MAK	280		140	SuvaPro		2013
Damage to the fetus need not be feared if the MAK value is observed						

8.2 Exposure controls

8.2.1 Engineering measures

Ensure adequate ventilation, especially in confined areas

Additional information about design of technical facilities: No further data, see item 7

8.2.2 Personal protective equipment

Respiratory protection:	Use respiratory protection if ventilation is insufficient
Protection of hands:	 Use chemically resistant gloves as needed.
Eye protection:	 Use goggles.
Body protection:	Protective clothing, gloves and goggles
Hygienic measures:	Avoid contact with skin and eyes

8.2.3 Limitation and supervision of exposure into the environment

Take precautions to prevent the product from entering the sewage system. In case of contamination of water or sewage system, inform the responsible authorities.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance:	liquid
Colour:	slightly yellow
Odour:	fresh-green-woody-fruity
Odour threshold:	not determined
Flashpoint (°C):	107.0 Method: Pensky-Martens, closed cup
Relative density (d 20/4 °C):	1.049
PH-value:	not applicable
Boiling point (°C):	not determined
Melting point (°C):	not determined
Auto flammability (°C):	not determined
Explosive prop. (°C):	not determined
Oxidizing properties:	none expected
Vapour pressure:	not determined
Water solubility:	not determined
Solvent Content:	0%
VOC:	0.022%

9.2 Other information

no data available

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10. STABILITY AND REACTIVITY		
10.1	Reactivity:	No reaction known with water.
10.2	Chemical Stability:	Good stability at standard temperature.
10.3	Possibility of hazardous reactions:	Vapors can form flammable mixtures with air.
10.4	Conditions to avoid:	Avoid temperatures above or at least 5 °C below flash point for any flammable liquids. Do not heat closed containers. Avoid contact with oxidizing agents.
10.5	Incompatible materials:	Not known.
10.6	Hazardous decompositions products:	Contact with water or storage under recommended conditions for one year should not produce dangerous decomposition products.

11. TOXICOLOGICAL INFORMATION		
11.1 Information on hazard classes according to Regulation (EC) No 1272/2008		
	Acute toxicity:	No data available
	Skin corrosion/irritation	No data available
	Serious eye damage / irritation	No data available
	Respiratory or skin sensitisation	No data available
	CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)	No data available
	STOT – single exposure	No data available
	STOT – repeated exposure	No data available
	Aspiration hazard	No data available
11.2 Information on other hazards		
	Endocrine disrupting properties:	No data available
	Other information:	No data available

12. ECOLOGICAL INFORMATION		
12.1	Toxicity:	No further relevant information available. (Product is a mixture). The product must be labeled according to Regulation (EC) No. 1272/2008 (CLP) in the currently valid version.
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.
12.5	Results of PBT and vPvB assessment	This mixture does not contain substances classified as PBT or vPvB.
12.6	Endocrine disrupting properties	This mixture does not contain any substances with endocrine-disrupting properties according to the evaluation criteria set out in (EC) No 1907/2006, (EU) 2017/2100, (EU) 2018/605.
12.7	Other adverse effects	No further relevant information available.

13. DISPOSAL CONDITIONS		
Residual quantities of the product should be treated according to the instructions given under points 6, 7 and 8 above. Wastes should be eliminated according to national or regional regulatory requirements currently in force. Minimize release to the environment.		

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14. TRANSPORTATION INFORMATION

UN-Nr. RID/ADR	3082 9	£3082	IMDG-Code IATA/DGR	9 9	Packing group: III
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UN proper shipping name:

RID/ADR: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)-
ethanone, Mixture)

IMDG: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

IATA/ICAO: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

Marine pollutant: Benzyl benzoate

Additional information: In case of accidental spillage or fire during transport please refer to instructions under the above mentioned headings 5, 6, 7 and 8.

15. REGULATORY INFORMATION

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

15.1.1 Regulation (EC) No 1907/2006 (REACH)

Annex XIV - List of substances subject to authorization

Substances of very high concern 2-Methyl-3-(4-tert-butylphenyl)-propanal

Annex XVII - Restriction on the manufacture and use of certain dangerous substances, mixtures and articles

Not applicable

15.1.2 National Regulations (Germany)

Classification according VwVwS, Annexe 4

Water hazard class 2

15.2 Chemical safety assessment

No data available at this time.

16. OTHER INFORMATION

16.1 Full text of abbreviated H-phrases	-	Void
	H302	Harmful if swallowed.
	H312	Harmful in contact with skin.
	H315	Causes skin irritation.
	H317	May cause an allergic skin reaction.
	H319	Causes serious eye irritation.
	H332	Harmful if inhaled.
	H335	May cause respiratory irritation.
	H400	Very toxic to aquatic life.
	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.

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16.2 Full text of abbreviated classifications (GHS)	Acute Tox. 4 derm. Acute Toxicity, Dermal Category 4 Acute Tox. 4 inh. Acute Toxicity, Inhalation Category 4 Acute Tox. 4 oral Acute Toxicity, Oral Category 4 Acute Tox. 4 oral Acute Toxicity, Oral Category 4 Aquatic Acute 1 Acute Aquatic ToxicityCategory 1 Aquatic Chronic 1 Chronic Aquatic Toxicity Category 1 Aquatic Chronic 2 Chronic Aquatic Toxicity Category 2 Aquatic Chronic 3 Chronic Aquatic Toxicity Category 3 Eye Irrit. 2 Eye irritation Category 2 Nicht eingestuft PRODUCT NOT CLASSIFIED AS DANGEROUS ACCORDING TO EUROPEAN DIRECTIVE 1272/2008AND ITS ADAPTATIONS. - Repr. 1B Reproductive toxicity Category 1B Skin Irrit. 2 Skin irritation Category 2 Skin Sens. 1 Skin Sensitisers Category 1 Skin Sens. 1A Skin Sensitisers Category 1A
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16.3 Abbreviations and acronyms	ADR Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road) AGS Ausschuss für Gefahrstoffe (D) EINECS European Inventory of Existing Commercial Chemical Substances GHS Globally Harmonized System of Classification and Labelling of Chemicals IATA International Air Transport Association IMDG International Maritime Code for Dangerous Goods MAK Maximale Arbeitsplatzkonzentration REACH Registration, Evaluation, Authorisation and Restriction of Chemical substances, European Community Regulation on chemicals and their safe use (EC 1907/2006) SuvaPro Suva: Grenzwerte am Arbeitsplatz (CH) VOC Volatile Organic Compounds (USA, EU)
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16.4 Recommended applications:	Concentrated perfumery raw material. Unsuitable for personal use as such.
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The recommendations in this safety data sheet reflect the knowledge available to us on the date of going to print. They are intended to give you hints for the safe handling of the product mentioned in this safety data sheet during storage, processing, transport and waste disposal. This information cannot be transferred to other products. In those cases where the product mentioned in this safety data sheet is blended, mixed or processed with other materials or processed in any other way, the information contained in this safety data sheet cannot be related to the new material obtained in this way.