

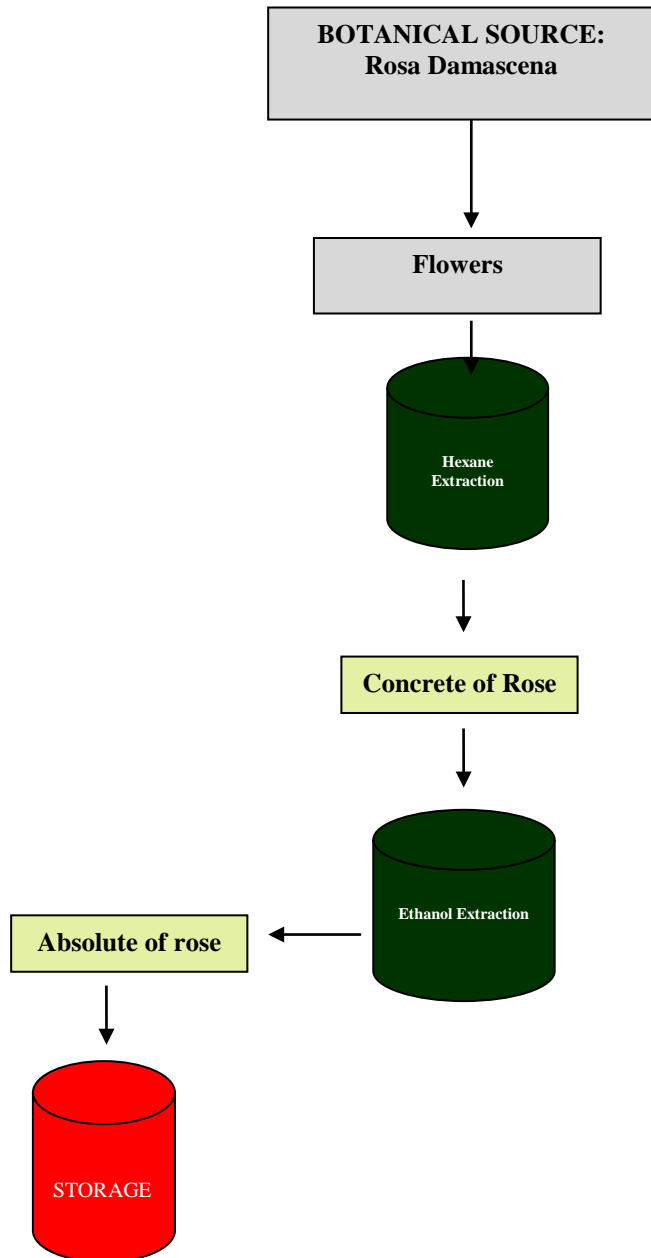


Certificate of Analysis

PRODUCT DETAILS		
Product Name	ROSE DAMASK ABSOLUTE	
Product Code	OAROSDAMA	
INCI Name	ROSA DAMASCENA FLOWER EXTRACT	
Batch Number	4469204	
Best Before End	May 2025	
Manufacturing Process	Obtained through hexane extraction of fresh rose flowers (Rosa Damascena) followed by ethanol	
Identification	CAS No: 90106-38-0	EINECS No: 290-260-3
	Alternative Cas: 8007-01-0	FEMA: 2988
	FDA: 182.20	
PHYSICAL AND CHEMICAL CHARACTERISTIC		
	SPECIFICATION RANGE	RESULTS
Appearance	Thick liquid	Conforms
Colour	Dark red to orange	Conforms
Odour	Characteristic	Conforms
Relative Density (d ₂₀ /20)	0.950 - 1.100	0.9758
Refractive Index @ 20°C	1.495 - 1.520	1.5102
Flash Point	87°C	Conforms
STORAGE AND SHELF LIFE		
Storage	Store in tightly closed container with minimum headspace in a cool, dark and dry place.	

DISCLAIMER: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the Company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the users responsibility to satisfy himself as to the suitability of such information for his own particular use. Where MADAR Corporation make a declaration that allergenic material are not present in any product, this statement is made assuming reasonable levels of detection. It is impossible to guarantee the "absolute absence" of any material. **It is the ultimate responsibility of the customer to ensure the safety of the intended final product containing this material, by carrying out additional tests if necessary.**

ROSE DAMASK TURKISH FLOW CHART





**SAFETY DATA SHEET
ROSE ABSOLUTE DAMASK**

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

1.1. Product identifier

Product name	ROSE ABSOLUTE DAMASK
Synonyms; trade names	Rosa Damascena Flower Extract
CAS number Alternative	90106-38-0
Cas Number EC number	8007-01-0
	290-260-3

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.3. Details of the supplier of the safety data sheet

Supplier	Madar Corporation Limited 19 - 20 Sandealth Industrial Estate Fordingbridge SP6 1PA
	Tel. +44 1425 655 555 e-mail technical@madarcorporation.co.uk

1.4. Emergency telephone number

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards	Not Classified
Health hazards	Eye Dam. 1 - H318 Skin Sens. 1 - H317
Environmental hazards	Aquatic Chronic 3 - H412

Human health The liquid may be irritating to skin. May cause serious eye damage.

Environmental The product contains a substance which is very toxic to aquatic organisms and which may cause long-term adverse effects in the aquatic environment.

2.2. Label elements

EC number	290-260-3
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ROSE ABSOLUTE DAMASK

Hazard pictograms



Signal word

Danger

Hazard statements

H318 Causes serious eye damage.
 H317 May cause an allergic skin reaction.
 H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P261 Avoid breathing vapour/ spray.
 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.
 P302+P352 IF ON SKIN: Wash with plenty of water.
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P310 Immediately call a POISON CENTER/ doctor.
 P321 Specific treatment (see medical advice on this label).
 P333+P313 If skin irritation or rash occurs: Get medical advice/ attention.
 P362+P364 Take off contaminated clothing and wash it before reuse.
 P501 Dispose of contents/ container in accordance with national regulations.

Contains

Citronellol, Geraniol, 7-methyl-3-methylenoocta-1,6-diene, Nerol, Eugenol, (R)-p-mentha-1,8-diene, Linalool

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Phenethyl alcohol CAS number: 60-12-8 EC number: 200-456-2	>50%
Classification Eye Irrit. 2 - H319	
Citronellol CAS number: 106-22-9 EC number: 203-375-0	5-10%
Classification Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1 - H317	
Geraniol CAS number: 106-24-1 EC number: 203-377-1	5-10%
Classification Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Skin Sens. 1 - H317	

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7-methyl-3-methyleneocta-1,6-diene	1-5%
CAS number: 123-35-3	EC number: 204-622-5
Classification	
Flam. Liq. 3 - H226	
Skin Irrit. 2 - H315	
Eye Irrit. 2 - H319	
Skin Sens. 1 - H317	
Asp. Tox. 1 - H304	
Aquatic Chronic 3 - H412	
Nerol	1-5%
CAS number: 106-25-2	EC number: 203-378-7
Classification	
Skin Irrit. 2 - H315	
Eye Dam. 1 - H318	
Skin Sens. 1 - H317	
benzyl alcohol	1-5%
CAS number: 100-51-6	EC number: 202-859-9
Classification	
Acute Tox. 4 - H302	
Acute Tox. 4 - H332	
Eugenol	1-5%
CAS number: 97-53-0	EC number: 202-589-1
Classification	
Eye Irrit. 2 - H319	
Skin Sens. 1 - H317	
Asp. Tox. 1 - H304	
Methyl Eugenol (4-Allylveratrole; 1,2-Dimethoxy-4-(2-propenyl)-benzene.)	<1%
CAS number: 93-15-2	EC number: 202-223-0
Classification	
Acute Tox. 4 - H302	
Muta. 2 - H341	
Carc. 2 - H351	

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(R)-p-mentha-1,8-diene	<1%
CAS number: 5989-27-5	EC number: 227-813-5
M factor (Acute) = 1	

Classification
 Flam. Liq. 3 - H226
 Skin Irrit. 2 - H315
 Skin Sens. 1 - H317
 Asp. Tox. 1 - H304
 Aquatic Acute 1 - H400
 Aquatic Chronic 3 - H412

Linalool	<1%
CAS number: 78-70-6	EC number: 201-134-4
Classification Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1 - H317	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Move affected person to fresh air at once. Get medical attention if any discomfort continues.
Ingestion	Rinse mouth thoroughly with water. Do not induce vomiting. Get medical attention if any discomfort continues.
Skin contact	Remove contaminated clothing and rinse skin thoroughly with water. Get medical attention if any discomfort continues.
Eye contact	Remove any contact lenses and open eyelids wide apart. Rinse with water. Continue to rinse for at least 15 minutes and get medical attention.
Protection of first aiders	No specific requirements are anticipated under normal conditions of use.

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

Skin contact	This product is corrosive. Causes skin irritation.
Eye contact	Causes serious eye damage.

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

Notes for the doctor	Treat symptomatically.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Carbon dioxide (CO2). Powder. Water spray. Fight larger fires with water spray or alcohol resistant foam.
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

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5.3. Advice for firefighters

Protective actions during firefighting In case of fire: Cool containers exposed to flames with water until well after the fire is out.

Special protective equipment for firefighters Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Keep unnecessary and unprotected personnel away from the spillage. No smoking, sparks, flames or other sources of ignition near spillage. Avoid contact with skin, eyes and clothing. Provide adequate ventilation. For personal protection, see Section 8.

6.2. Environmental precautions

Environmental precautions The product contains a substance which is very toxic to aquatic organisms and which may cause long-term adverse effects in the aquatic environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Contain and absorb spillage with sand, earth or other non-combustible material.

6.4. Reference to other sections

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Read label before use. Wear protective clothing as described in Section 8 of this safety data sheet. Avoid contact with skin and eyes. Eliminate all sources of ignition. Do not eat, drink or smoke when using this product.

Advice on general occupational hygiene Do not eat, drink or smoke when using this product. Provide eyewash station and safety shower.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep away from food and drink.

7.3. Specific end use(s)

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

Phenethyl alcohol (CAS: 60-12-8)

DNEL	Workers - Inhalation; Long term systemic effects: 59.9 mg/m ³ Workers - Dermal; Long term systemic effects: 21.2 bw/day, mg/kg General population - Inhalation; Long term systemic effects: 17.7 mg/m ³ General population - Dermal; Long term systemic effects: 12.7 mg/kg, bw/day General population - Oral; Long term systemic effects: 5.1 bw/day, mg/kg
PNEC	- Fresh water; Short term 0.215 mg/l - Intermittent release, Fresh water; Short term 2.15 mg/l - marine water; Short term 0.021 mg/l - STP; Short term 10 mg/l - Sediment (Freshwater); Short term 1.454 mg/kg - Sediment (Marinewater); Short term 0.145 mg/kg - Soil; Short term 0.164 mg/kg

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Citronellol (CAS: 106-22-9)

DNEL	Workers - Inhalation; Long term systemic effects: 161.6 mg/m ³
	Workers - Inhalation; Long term local effects: 10 mg/m ³
	Workers - Inhalation; Short term local effects: 10 mg/m ³
	Workers - Dermal; Long term systemic effects: 327.4 mg/kg, bw/day
	Workers - Dermal; Short term local effects: 2.950 mg/cm ²
	General population - Inhalation; Long term systemic effects: 47.8 mg/m ³
	General population - Inhalation; Long term local effects: 10 mg/m ³
	General population - Inhalation; Short term local effects: 10 mg/m ³
	General population - Dermal; Long term systemic effects: 196.4 bw/day, mg/kg
	General population - Dermal; Short term local effects: 2.950 mg/cm ²
PNEC	- Fresh water; Short term 0.002 mg/l
	- Intermittent release, Fresh water; Short term 0.024 mg/l
	- marine water; Short term 0 mg/l
	- STP; Short term 580 mg/l
	- Sediment (Freshwater); Short term 0.026 mg/kg
	- Sediment (Marinewater); Short term 0.003 mg/kg
	- Soil; Short term 0.004 mg/kg

Geraniol (CAS: 106-24-1)

DNEL	Workers - Inhalation; Long term systemic effects: 161.6 mg/m ³
	Workers - Dermal; Long term systemic effects: 12.5 bw/day, mg/kg
	General population - Inhalation; Long term systemic effects: 47.8 mg/m ³
	General population - Dermal; Long term systemic effects: 7.5 bw/day, mg/kg
PNEC	- Fresh water; Short term 0.011 mg/l
	- Fresh water, Intermittent release; 0.108 mg/l
	- marine water; Short term 0.001 mg/l
	- STP; Short term 0.7 mg/l
	- Sediment (Freshwater); Short term 0.115 mg/kg
	- Sediment (Marinewater); Short term 0.011 mg/kg
- Soil; Short term 0.017 mg/kg	

7-methyl-3-methyleneocta-1,6-diene (CAS: 123-35-3)

DNEL	Workers - Dermal; Long term systemic effects: 0.83 mg/kg
	Workers - Inhalation; Long term systemic effects: 5.83 mg/m ³
	General population - Dermal; Long term systemic effects: 0.42 mg/kg
	General population - Inhalation; Long term systemic effects: 1.25 mg/m ³
PNEC	- STP; 0.2 mg/l
	- Soil; 1.015 mg/kg
	- Fresh water; 0.00028 mg/l
	- marine water; 0.0008 mg/l
	- Sediment (Freshwater); 5.022 mg/kg
	- Sediment (Marinewater); 0.502 mg/kg

Eugenol (CAS: 97-53-0)

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DNEL

Workers - Inhalation; Long term systemic effects: 21.2 mg/m³
 Workers - Dermal; Long term systemic effects: 6 bw/day, mg/kg
 General population - Inhalation; Long term systemic effects: 5.22 mg/m³
 General population - Dermal; Long term systemic effects: 3 mg/kg, bw/day
 General population - Oral; Long term systemic effects: 3 bw/day, mg/kg

PNEC

- Fresh water; Short term 1.13 mg/l
- Intermittent release, Fresh water; 11.3 mg/l
- marine water; Short term 0.113 mg/l
- Sediment (Freshwater); Short term 0.081 mg/kg
- Sediment (Marinewater); Short term 0.008 mg/kg
- Soil; Short term 0.015 mg/kg

(R)-p-mentha-1,8-diene (CAS: 5989-27-5)

DNEL

Workers - Inhalation; Long term systemic effects: 33.3 mg/m³
 General population - Oral; Long term systemic effects: 4.76 mg/kg

PNEC

- STP; 1.8 mg/l
- Soil; 0.262 mg/kg
- Fresh water; 0.0054 mg/l
- marine water; 0.00054 mg/l
- Sediment (Freshwater); 1.32 mg/kg
- Sediment (Marinewater); 0.13 mg/kg

Linalool (CAS: 78-70-6)

DNEL

Workers - Dermal; Short term systemic effects: 5 mg/kg
 Workers - Inhalation; Short term systemic effects: 16.5 mg/m³
 Workers - Dermal; Long term systemic effects: 2.5 mg/kg
 Workers - Inhalation; Long term systemic effects: 2.8 mg/m³
 General population - Oral; Short term systemic effects: 1.5 mg/kg
 General population - Dermal; Short term systemic effects: 2.5 mg/kg
 General population - Inhalation; Short term systemic effects: 4.1 mg/m³
 General population - Oral; Long term systemic effects: 0.2 mg/kg
 General population - Dermal; Long term systemic effects: 1.25 mg/kg
 General population - Inhalation; Long term systemic effects: 0.7 mg/m³
 - ; ;

PNEC

- STP; Short term 10 mg/l
- Soil; Short term 0.327 mg/kg
- Intermittent release; Short term 2 mg/l
- Fresh water; Short term 0.2 mg/l
- marine water; Short term 0.02 mg/l
- Sediment (Freshwater); Short term 2.22 mg/kg
- Sediment (Marinewater); Short term 0.222 mg/kg

8.2. Exposure controls

Protective equipment



Appropriate engineering controls

Provide adequate ventilation.

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Eye/face protection	Wear eye protection.
Hand protection	Wear protective gloves.
Other skin and body protection	Wear apron or protective clothing in case of contact.
Hygiene measures	Good personal hygiene procedures should be implemented.
Respiratory protection	No specific requirements are anticipated under normal conditions of use.
Environmental exposure controls	Keep container tightly sealed when not in use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Liquid.
Colour	Dark. Red. to Orange.
Odour	Characteristic.
Flash point	87°C
Relative density	0.950 - 1.100 @ (d20/20)

9.2. Other information

Refractive index	1.495 - 1.520 @ 20c
Hydrocarbon Content	1.2%

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	There are no known reactivity hazards associated with this product.
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10.2. Chemical stability

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	None known.
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10.4. Conditions to avoid

Conditions to avoid	Keep away from heat, sparks and open flame.
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10.5. Incompatible materials

Materials to avoid	Strong acids. Strong oxidising agents.
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10.6. Hazardous decomposition products

Hazardous decomposition products	None known.
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects	No information available.
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Acute toxicity - inhalation

ATE inhalation (vapours mg/l)	550.0
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ROSE ABSOLUTE DAMASK

SECTION 12: Ecological information

Ecotoxicity The product contains a substance which is very toxic to aquatic organisms and which may cause long-term adverse effects in the aquatic environment.

12.1. Toxicity

12.2. Persistence and degradability

12.3. Bioaccumulative potential

12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

12.6. Other adverse effects

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information Residues and empty containers should be taken care of as hazardous waste according to local and national provisions.

SECTION 14: Transport information

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

No transport warning sign required.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant



14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

SECTION 15: Regulatory information

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

EU legislation Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

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Tel: 01425 655555 Email: technical@madarcorporation.co.uk

ROSE ABSOLUTE DAMASK

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

Revision date	26/07/2019
Revision	6
Supersedes date	18/07/2019
SDS number	4635
Hazard statements in full	H226 Flammable liquid and vapour. H302 Harmful if swallowed. H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H319 Causes serious eye irritation. H332 Harmful if inhaled. H341 Suspected of causing genetic defects. H351 Suspected of causing cancer. H400 Very toxic to aquatic life. H412 Harmful to aquatic life with long lasting effects.

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Product Specification

PRODUCT DETAILS		
Product Name	ROSE ABSOLUTE DAMASK	
Product Code		
INCI Name	Rosa Damascena Flower Extract	
Country of Origin	Turkey	
Tariff Number	3301 9090	
Natural Status	We hereby certify to the best of our knowledge and from information received from our supplier this product is 100% pure and natural.	
Food Grade Status	We hereby certify to the best of our knowledge and from information received from our supplier that this product is in accordance with Council Directive 1334/2008 EEC.	
Kosher Certified	Yes	
Halal Certified	Not suitable, Ethanol extraction	
GMO Declaration	To the best of our knowledge and from information received from our supplier, this product does not derive from genetically modified starting raw material, or additives that are derived from genetically modified organisms.	
Manufacturing Process	Obtained through hexane extraction of fresh rose flowers (Rosa Damascena) followed by ethanol.	
Identification	CAS No: 90106-38-0	EINECS No: 290-260-3
	FDA No: 182.20	Alternative Cas: 8007-01-0
	FEMA No: 2988	
PHYSICAL AND CHEMICAL CHARACTERISTIC		
Appearance	Liquid	
Colour	Dark red to orange	
Odour	Characteristic	
Density @ 20c	0.950 - 1.100	
Refractive Index @ 20c	1.495 - 1.520	
Flash Point	87°C	
Hydrocarbon content	1.2	
FRAGRANCE ALLERGENS		
Benzyl alcohol (100-51-6) 1-5%	Citronellol (106-22-9) 5-10%	Limonene (5989-27-5) <1%
Citral (5392-40-5) <1%	Eugenol (97-53-0) 1-5%	Geraniol (106-24-1) 5-10%
Linalool (78-70-6) <1%	Farnesol (4602-84-0) <1%	
FOOD ALLERGENS		
NONE PRESENT		
IFRA		
Citronellol (106-22-9) 5-10%	Geraniol (106-24-1) 5-10%	Eugenol (97-53-0) 1-5%
Benzyl alcohol (100-51-6) 1-5%	Citral (5392-40-5) <1%	Methyl Eugenol (93-15-2) <1%
Farnesol (4602-84-0) <1%		
STORAGE AND SHELF LIFE		
Storage	Store in tightly closed container with minimum headspace in a cool, dark and dry place.	
Shelf Life	12 months unopened and stored as above.	

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Vegan and Vegetarian Statement

IDENTIFICATION	
Product:	ROSE ABSOLUTE DAMASK
Cas No:	90106-38-0 / 8007-01-0
EINECS No:	290-260-3
STATEMENT	
<p>We, from information received from our supplier, hereby declare that the material listed above is suitable for the following:</p> <p>Vegans (Excludes all animal derived products, including dairy, eggs, leather, bee products (beeswax and honey).</p> <p>Lacto Vegetarians (Same as vegan but allows milk products and bee products.</p> <p>Ovo Vegetarians (Same as vegan but allows egg products and bee products)</p> <p>It does not contain any animal ingredients or animal by products. No animal ingredients or by products are used in the manufacturing process.</p> <p>This document represents to the best of our knowledge and from information received from our supplier. It does not release the buyer from the obligation to carry out an examination of the goods received. All uses made by the buyer are done under their own responsibility.</p>	