



**CERTIFICATE OF ANALYSIS**  
**ROSA GALLICA ABSOLUTE OIL**

Batch No: 4499506

Best Before End: March 2026

TEST	SPECIFICATION	ANALYSIS
Appearance	Viscous liquid, dark red to orange	Conforms
Odour	Characteristic – flowery, rose	Conforms
Specific Gravity @ 20°C (g/ml)	0.935 – 1.110	0.966
Refractive Index @ 20°C	1.490 – 1.520	1.503



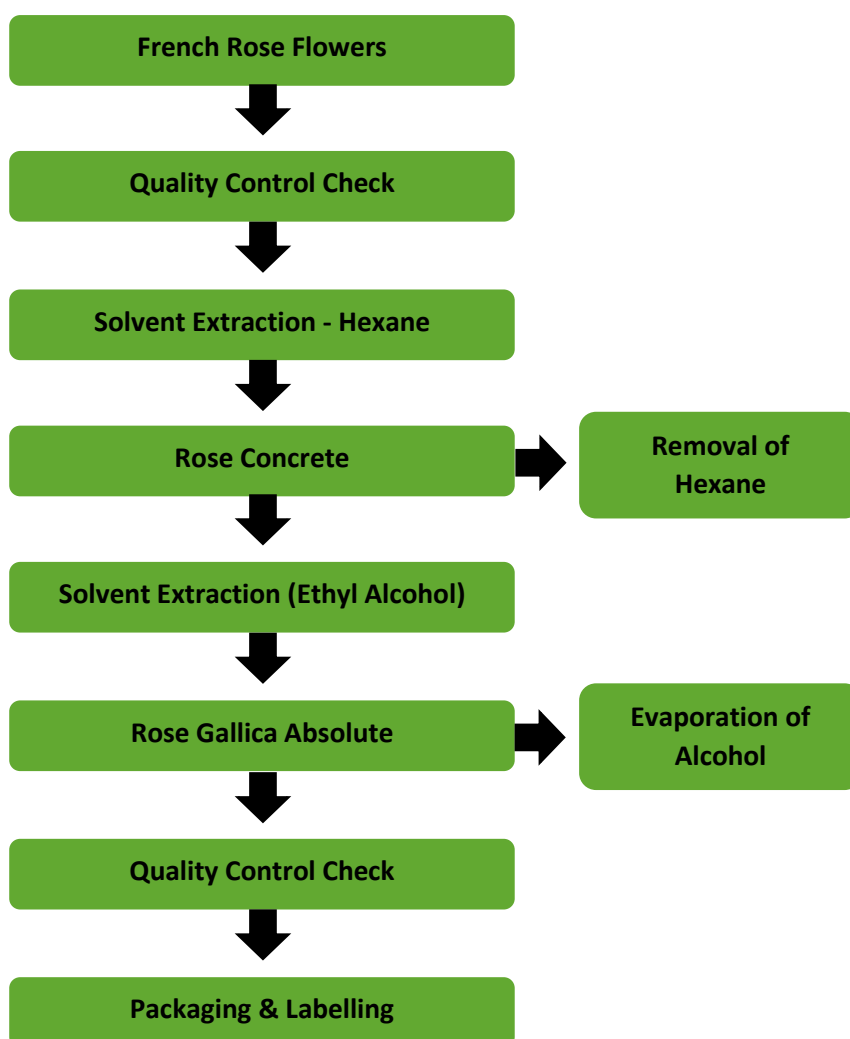
Product Name	Rose Gallica Absolute				
INCI Name	Rose Gallica Flower Extract				
Date	26/11/2019			Revision	1

Material	Cas Number	Cosmetic Allergens Inclusion (%)
ALPHA-ISOMETHYLIONONE	127-51-5	-
AMYL CINNAMAL	122-40-7	-
AMYL CINNAMYL ALCOHOL	101-85-9	-
ANISE ALCOHOL	105-13-5	-
BENZYL ALCOHOL	100-51-6	≤ 5.00
BENZYL BENZOATE	120-51-4	-
BENZYL CINNAMATE	103-41-3	-
BENZYL SALICYLATE	118-58-1	-
BUTYLPHENYLMETHYLPROPIONAL	80-54-6	-
CINNAMAL	104-55-2	-
CINNAMYL ALCOHOL	104-54-1	-
CITRAL	5392-40-5	≤ 1.00
CITRONELLOL	106-22-9	≤ 10.0
COUMARIN	91-64-5	-
EUGENOL	97-53-0	≤ 5.00
EVERNIA FURFURACEA EXTRACT	90028-67-4	-
EVERNIA PRUNASTRI EXTRACT	90028-68-5	-
FARNESOL	4602-84-0	-
GERANIOL	106-24-1	≤ 10.0
HEXYL CINNAMAL	101-86-0	-
HYDROXYCITRONELLAL	107-75-5	-
HYDROXYISOHEXYL 3-CYCLOHEXENE	31906-04-4	-
ISO EUGENOL	97-54-1	-
LIMONENE	5989-27-5	≤ 1.00
LINALOOL	78-70-6	≤ 1.00
METHYL 2-OCTYNOATE	111-12-6	-

**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 user's responsibility to satisfy himself as to the suitability of such information for his own particular use.



Product Name	Rose Gallica Absolute		
Date	26/11/2019	Product Code	OAROSEGALL





## **GMO Statement**

PRODUCT NAME: Rose Gallica Absolute

MADAR Corporation Limited can confirm that the above listed product is GMO Free.

06/03/2019

# MYSTIC MOMENTS

Product Name	Rose Gallica Absolute		
INCI Name	Rosa Gallica Flower Extract		
Product Code	OAROSEGALL		
Revision No	1	Date	23/03/2021

Restricted Component	CAS	% Level in Product	IFRA Standard
Limonene	5989-27-5	≤ 1.0	Specification
Linalool	78-70-6	≤ 1.0	Specification
Benzyl Alcohol	100-51-6	≤ 5.0	Restriction
Benzyl Benzoate	120-51-4	≤ 0.04	Restriction
Citral	5392-40-5	≤ 1.0	Restriction
Citronellol	106-22-9	≤ 20.0	Restriction
Eugenol	97-53-0	≤ 1.0	Restriction
Geraniol	106-24-1	≤ 15.0	Restriction
p-methoxybenzaldehyde	123-11-5	≤ 0.0063	Restriction
Estragole	140-67-0	≤ 0.04	Restriction
Methyl Eugenol	93-15-2	≤ 1.0	Restriction

We certify that the above compound is in compliance with the Standards of the International Fragrance Association (IFRA 49<sup>TH</sup> Amendment published June 25); provided it is used in the following class(es) at a maximum concentration level of the above.

**Flavour use consideration** - Due to the possible ingestion of small amounts of fragrance ingredients from their use in products in Categories 1 and 6, materials must not only comply with IFRA Standards but must also be recognized as safe as a flavouring ingredient as defined by the IOFI Code of Practice ([www.iofi.org](http://www.iofi.org)). For more details see chapter 1 of the Guidance for the use of IFRA Standards.

**According to Cosmetic Regulation (EC) No 1223/2009 Annex III** methyl eugenol is restricted to a maximum concentration in a ready to use preparation as follows

Fine fragrance – 0.01%

Eau de toilette - 0.004%

Fragrance cream - 0.002%

Rinse-off products - 0.001%

Other leave-on products and oral products - 0.0002%

IFRA class(es) [see annex for details]	Max level of use (%)
Category 1	0.06
Category 2	0.23

Category 3	0.03
Category 4	1.60
Category 5A	0.20
Category 5B	0.06
Category 5C	0.06
Category 5D	0.02
Category 6	0.14
Category 7A	0.06
Category 7B	0.06
Category 8	0.02
Category 9	0.09
Category 10A	0.09
Category 10B	0.32
Category 11A	0.02
Category 11B	0.02
Category 12	9.70

For other kinds of application or use at higher concentration levels, a new evaluation may be needed.

The IFRA Standards regarding use restrictions are based on safety assessments by the Panel of Experts of the RESEARCH INSTITUTE FOR FRAGRANCE MATERIALS (RIFM) and are enforced by the IFRA Scientific Committee.

Evaluation of individual Fragrance ingredients is made according to the safety standards contained in the relevant section of the IFRA Code of Practice.

This certificate serves only as a guide to the maximum level of use. It is the ultimate responsibility of the customer to ensure safe formulating principles are utilised and the safety of the final product (containing this fragrance), by further testing if need be.

Note 1: It is recommended that any material used to impart perfume or flavour in products intended for human ingestion should consist of ingredients that are in compliance with appropriate regulations for foods and food flavourings in the countries of planned distribution.

Note 2: Trials must be performed to satisfy suitability for specified application.

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## ANNEX: Definition of IFRA Classes

Finished product types	IFRA Category	Flavour Use	Phototoxicity
Lip products of all types (solid and liquid lipsticks, balms, clear and coloured, etc.) Children's Toys	1	Yes	Applicable (Leave-on Products)
Deodorant and antiperspirant products of all types including any product with intended or reasonably foreseeable use on the axillae or labelled as such (spray, stick, roll-up, under-arm, deo-cologne, etc.). Body sprays (including mist).	2	No	Applicable (Leave-on Products)
Eye products of all types (eye-shadow, mascara, eyeliner, eye make-up, eye masks, eye pillows, etc.) including eye care and moisturiser. Face make-up and foundation. Make-up remover for face and eyes. Nose pore strips. Wipes refreshing tissues for face, neck, hands, body. Body and face paint (for children and adults). Facial masks for face and around the eyes.	3	No	Applicable (Leave-on Products)
Hydroalcoholic and non-hydroalcoholic fine fragrance of all types (Eau De Toilette, Parfum, Cologne, Solid Perfume, Fragrancing Cream, Aftershaves of all types etc.) Fragranced Bracelets. Ingredients of perfume kits and fragrance mixtures for cosmetic kits. Scent pads, foil packs. Scent strips for hydroalcoholic products.	4	No	Applicable (Leave-on Products)
Body Creams, oils, lotions of all types. Foot care products (creams and powders). Insect repellent (intended to be applied to skin). All powders and talc (excluding baby powders and talc).	5A	No	Applicable (Leave-on Products)
Facial toner. Facial Moisturisers and creams.	5B	No	Applicable (Leave-on Products)
(women's facial creams) Hand cream. Nail care products including cuticle creams, etc. Hand sanitisers.	5C	No	Applicable (Leave-on Products)
Baby cream/lotion, baby oil, baby powders and talc.	5D	No	Applicable (Leave-on Products)
Toothpaste. Mouthwash, including breath sprays. Toothpowder, strips, mouthwash tablets.	6	Yes	Applicable (Leave-on Products)
Hair permanent or other hair chemical treatments (rinse-off) (e.g. relaxers), including rinse off hair dyes	7A	No	Applicable (Leave-on Products)
Hair sprays of all types (pumps, aerosol sprays, etc). Hair styling aids non-spray (mousse, gels, leave-on conditioners). Hair permanent or other hair chemical treatments (leave-on) (e.g. relaxers), including leave-on hair dyes. Shampoo – Dy (waterless shampoo). Hair deodoriser.	7B	No	Applicable (Leave-on Products)
Intimate wipes. Tampons. Baby Wipes. Toilet paper (wet).	8	No	Applicable (Leave-on Products)
Bar soap. Shampoo of all types. Cleanser for face (rinse-off). Conditioner (rinse-off) Liquid soap. Body washes and shower gels of all types. Baby wash, bath, shampoo. Bath gel foams, mousses, salts, oils, and other products added to bath water. Foot care products (feet are placed in bath for soaking). Shaving creams of all types (stick, gel, foams, etc.). All	9	No	Applicable (Rinse-off Products)

depilatories (including facial) and waxes for mechanical hair removal. Shampoo for pets.			
Hand wash laundry detergent (including concentrates). Laundry pre-treatment of all types (e.g. paste, sprays, sticks). Hand dishwashing detergent (including concentrates). Hard surface cleaners of all types (bathroom and kitchen cleansers, furniture polish, etc.). Machine laundry detergents with skin contact (e.g. liquids, powders) including concentrates. Dry cleaning kits. Toilet seat wipes. Fabric softeners of all types including fabric softener sheets. Household cleaning products, other types including fabric cleaners, soft surface cleaners, carpet cleaners, furniture polishes spray and wipe, leather cleaning wipes, stain removers, fabric enhancing sprays, treatment products for textiles (e.g. starch sprays, fabric treatment with fragrances after wash, deodorisers for textiles or fabrics). Floor wax. Fragranced oil for lamp ring, reed diffusers, pot-purri, liquid refills for air fresheners (non-cartridge systems), etc. Ironing water (odourised distilled water).	10A	No	Applicable (Rinse-off Products)
Animal sprays – sprays applied to animals of all types. Air fresheners sprays, manual, including aerosol and pump. Aerosol spray insecticides.	10B	No	Applicable (Rinse-off Products)
Feminine hygiene conventional pads, liners, interlabial pads. Diapers (baby and adult). Adult incontinence pant, pad. Toilet paper (dry).	11A	No	Not Applicable (leave-on products without UV exposure)
Tights with moisturisers. Scented socks, gloves. Facial tissues (dry tissues). Napkins. Paper Towels. Wheat bags. Facial masks (paper/protective) e.g. surgical masks used as medical device. Fertilisers, solid (pellet or powder).	11B	No	Applicable (Leave-on Products)
Candles of all types (including encased). Laundry detergents for machine wash with minimal skin contact (e.g. Liquid tabs, pods). Automated air fresheners and Fragrancing of all types (concentrated aerosol with metred doses (range 0.05 – 0.5 ml/spray) plug-ins, closed systems, solid substrate, membrane delivery, electrical, powders, fragrancing sachets, incense, liquid refills (cartridge), air freshening crystals. Air delivery systems. Cat litter. Cell phone cases. Deodorisers/maskers not intended for skin contact (e.g. fabric drying machine deodorisers and carpet powders). Fuels. Insecticides (e.g. mosquito coil, paper, electrical, for clothing) excluding aerosols/sprays. Joss sticks or incense sticks. Dishwasher detergent and deodorisers – for machine wash. Olfactive board games. Paints. Plastic articles (excluding toys). Scratch and sniff. Scent pack. Scent delivery system (using dry air technology). Show polishes. Rim blocks (Toile).	12	No	Not Applicable (Non-skin contact products)

The table was prepared with the intention to cover the vast majority of the products; however, it may not cover some specific applications. In this case other classes may be attributed based on a specific risk assessment.







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

1.1 Product Identifier					
Product Name		Rose Gallica Absolute			
Biological Definition		Rosa Gallica Flower Extract is an extract of the flowers of the French Rose, <i>Rosa gallica</i> L., <i>Rosaceae</i> .			
INCI Name		Rosa Gallica Flower Extract			
Synonyms & Trade Names		Rosa Gallica Flower Extract			
CAS-No	84604-13-7	EC No.	283-290-3	EINECS No.	283-290-3
1.2 Relative identified uses of the substance or mixture and uses advised against					
Suitable for cosmetic, flavour and technical use.					
1.3 Details of the supplier of the safety data sheet					
MADAR Corporation Limited 19 - 20 Sandleheath Industrial Estate Fordingbridge Hampshire SP6 1PA					
1.4 Emergency Tel. No.		+ 44 (0) 1425 655555			

## 02. HAZARD IDENTIFICATION

2.1 Classification of the substance or mixture	
The Full Text for all Hazard Statements is Displayed in Section 16. <u>Human health</u> The liquid may be irritating to skin. May cause an allergic skin reaction Harmful if swallowed. May cause serious eye damage. <u>Environment</u> The product contains a substance which is harmful to aquatic organisms with long lasting effects.	
Classification (EC 1272/2008)	
Physical and Chemical Hazards:	Not classified.
Human health:	Acute Tox. 4 – H302 Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Skin Sens. 1 - H317
Environment:	Aquatic Chronic 3 - H412
2.2 Label Elements	
Label in accordance with (EC) No 1272/2008	
GHS05	GHS07

 	
Signal Word	Danger.
Contains	Geraniol.
Hazard Statements	
H302 Harmful if swallowed. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H412 Harmful to aquatic life with long lasting effects.	
Precautionary Statements	
P261 Avoid breathing vapour/spray. P264 Wash contaminated 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/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). P332+P313 If skin irritation occurs: Get medical advice/attention. 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.	
Supplementary Precautionary Statements	
None.	
<b>2.3 Other Hazards</b>	
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

<b>3.2 Mixtures</b>	
<b>&gt; 50% Phenyl Ethyl Alcohol</b> CAS-No.: 60-12-8, EC No 200-456-2 Classification (EC 1272/2008): <ul style="list-style-type: none"> <li>- Acute Tox. 4 - H302</li> <li>- Eye Irrit. 2 - H319</li> </ul>	
<b>5 - 10% Citronellol</b> CAS-No.: 106-22-9, EC No.: 203-375-0 Classification (EC 1272/2008):	



<ul style="list-style-type: none"> <li>- Skin Irrit. 2 - H315</li> <li>- Eye Irrit. 2 - H319</li> <li>- Skin Sens. 1 - H317</li> </ul>
<p><b>5 - 10% Geraniol</b>  CAS-No.: 106-24-1, EC No.: 203-377-1  Classification (EC 1272/2008):</p> <ul style="list-style-type: none"> <li>- Skin Irrit. 2 - H315</li> <li>- Eye Dam. 1 - H318</li> <li>- Skin Sens. 1 - H317</li> </ul>
<p><b>1 - 5% Benzyl Alcohol</b>  CAS-No.: 100-51-6, EC No.: 202-859-9  Classification (EC 1272/2008):</p> <ul style="list-style-type: none"> <li>- Acute Tox. 4 - H302</li> <li>- Acute Tox. 4 - H332</li> </ul>
<p><b>1 - 5% Nerol</b>  CAS-No.: 106-25-2, EC No.: 203-378-7  Classification (EC 1272/2008):</p> <ul style="list-style-type: none"> <li>- Skin Irrit. 2 - H315</li> <li>- Eye Irrit. 2 - H319</li> <li>- Skin Sens. 1 - H317</li> </ul>
<p><b>1 - 5% Eugenol</b>  CAS-No.: 97-53-0, EC No.: 202-589-1  Classification (EC 1272/2008):</p> <ul style="list-style-type: none"> <li>- Eye Irrit. 2 - H319</li> <li>- Skin Sens. 1 - H317</li> </ul>
<p><b>≤1.0 % 7-methyl-3-methylenoocta-1,6-diene (Myrcene)</b>  CAS-No.: 123-35-3, EC No.: 204-622-5  Classification (EC 1272/2008):</p> <ul style="list-style-type: none"> <li>- Flam. Liq. 3 - H226</li> <li>- Skin Irrit. 2 - H315</li> <li>- Eye Irrit. 2 - H319</li> <li>- Skin Sens. 1 - H317</li> <li>- Asp. Tox. 1 - H304</li> <li>- Aquatic Acute 1 - H400</li> <li>- Aquatic Chronic 1 - H410</li> <li>- M factor (Acute) = 1</li> <li>- M factor (Chronic) = 1</li> </ul>
<p><b>&lt;1% d-Limonene</b>  CAS-No.: 5989-27-5, EC No 227-813-5  Classification (EC 1272/2008):</p> <ul style="list-style-type: none"> <li>- Flam. Liq. 3 - H226</li> <li>- Asp. Tox. 1 - H304</li> <li>- Skin Irrit. 2 - H315</li> <li>- Skin Sens. 1 - H317</li> <li>- Aquatic Acute 1 - H400</li> <li>- Aquatic Chronic 1 - H410</li> <li>- M factor (Acute) = 1</li> </ul>



- M factor (Chronic) = 1
<b>&lt;1% Linalool</b> CAS-No.: 78-70-6 EC No.: 201-134-4 Classification (EC 1272/2008): <ul style="list-style-type: none"><li>- Skin Irrit. 2 - H315</li><li>- Skin Sens. 1B - H317</li><li>- Eye Irrit. 2 - H319</li></ul>
<b>&lt;1% Citral</b> CAS-No.: 5392-40-5 EC No.: 226-394-6 Classification (EC 1272/2008): <ul style="list-style-type: none"><li>- Skin Irrit. 2 - H315</li><li>- Skin Sens. 1 H317</li></ul>
<b>&lt;1.0% Eugenol Methyl Ether</b> CAS-No.: 93-15-2, EC No.: 202-223-0 Classification (EC 1272/2008): <ul style="list-style-type: none"><li>- Acute Tox. 4 - H302</li><li>- Muta. 2 - H341</li><li>- Carc. 2 - H351</li></ul>

#### 04. 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.
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.

#### 05. FIRE-FIGHTING MEASURES

5.1 Extinguishing Media	
Extinguishing media:	Carbon dioxide (CO <sub>2</sub> ). 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 product	
No additional data available.	



### 5.3 Advice for firefighters

Special Fire Fighting Procedures - In case of fire: Cool containers exposed to flames with water until well after the fire is out.  
Protective equipment for fire-fighters - Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

## 06. ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures

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

Do not discharge into drains, water courses or onto the ground. 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.

Contain and absorb spillage with sand, earth or other non-combustible material.

### 6.4 Reference to other sections

Wear protective clothing as described in Section 8 of this safety data sheet.

## 07. 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

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)

No additional data available.

## 08. 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<sup>3</sup>

Workers - Dermal; Long term systemic effects: 21.2 bw/day, mg/kg

General population - Inhalation; Long term systemic effects: 17.7 mg/m<sup>3</sup>

General population - Dermal; Long term systemic effects: 12.7 bw/day, mg/kg



General population - Oral; Long term systemic effects: 5.1 bw/day, mg/kg

**PNEC**

- Fresh water; Short term 0.215 mg/l
- Fresh water, Intermittent release; 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

**Citronellol (CAS: 106-22-9)**

**DNEL**

- Workers - Inhalation; Long term systemic effects: 161.6 mg/m<sup>3</sup>
- Workers - Inhalation; Long term local effects: 10 mg/m<sup>3</sup>
- Workers - Inhalation; Short term local effects: 10 mg/m<sup>3</sup>
- Workers - Dermal; Long term systemic effects: 327.4 mg/kg, bw/day
- Workers - Dermal; Short term local effects: 2.950 mg/cm<sup>2</sup>
- General population - Inhalation; Long term systemic effects: 47.8 mg/m<sup>3</sup>
- General population - Inhalation; Long term local effects: 10 mg/m<sup>3</sup>
- General population - Inhalation; Short term local effects: 10 mg/m<sup>3</sup>
- General population - Dermal; Long term systemic effects: 196.4 bw/day, mg/kg
- General population - Dermal; Short term local effects: 2.950 mg/cm<sup>2</sup>
- General population - Oral; Long term systemic effects: 13.8 mg/kg, bw/day

**PNEC**

- Fresh water; Short term 0.002 mg/l
- Fresh water, Intermittent release; 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<sup>3</sup>
- Workers - Dermal; Long term systemic effects: 12.5 mg/kg, bw/day
- General population - Inhalation; Long term systemic effects: 47.8 mg/m<sup>3</sup>
- General population - Dermal; Long term systemic effects: 7.5 mg/kg, bw/day
- General population - Oral; Long term systemic effects: 13.75 bw/day, mg/kg

**PNEC**

- Fresh water; Short term 0.011 mg/l
- Intermittent release, Fresh water; 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

#### **Eugenol (CAS: 97-53-0)**

##### **DNEL**

Workers - Inhalation; Long term systemic effects: 21.2 mg/m<sup>3</sup>

Workers - Dermal; Long term systemic effects: 6 bw/day, mg/kg

General population - Inhalation; Long term systemic effects: 5.22 mg/m<sup>3</sup>

General population - Dermal; Long term systemic effects: 3 bw/day, mg/kg

General population - Oral; Long term systemic effects: 3 bw/day, mg/kg

##### **PNEC**

- Fresh water; Short term 1.13 mg/l

- Fresh water, Intermittent release; 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

#### **7-methyl-3-methylenoocta-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<sup>3</sup>

General population - Dermal; Long term systemic effects: 0.42 mg/kg

General population - Inhalation; Long term systemic effects: 1.25 mg/m<sup>3</sup>

##### **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

#### **Linalool (CAS: 78-70-6)**

##### **DNEL**

Workers - Dermal; Short term systemic effects: 5 mg/kg

Workers - Inhalation; Short term systemic effects: 16.5 mg/m<sup>3</sup>

Workers - Dermal; Long term systemic effects: 2.5 mg/kg

Workers - Inhalation; Long term systemic effects: 2.8 mg/m<sup>3</sup>

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/m<sup>3</sup>

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/m<sup>3</sup>

##### **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

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

DNEL

Workers - Inhalation; Long term systemic effects: 33.3 mg/m<sup>3</sup>

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

## **Citral (CAS: 5392-40-5)**

DNEL

Workers - Dermal; Long term systemic effects: 1.7 mg/kg

Workers - Inhalation; Long term systemic effects: 9 mg/m<sup>3</sup>

General population - Oral; Long term systemic effects: 0.6 mg/kg

General population - Dermal; Long term systemic effects: 1 mg/kg

General population - Inhalation; Long term systemic effects: 2.7 mg/m<sup>3</sup>

PNEC

- STP; 1.6 mg/l
- Soil; 0.0209 mg/kg
- Intermittent release; 0.0678 mg/l
- Fresh water; 0.00678 mg/l
- Marine water; 0.000678 mg/l
- Sediment (Freshwater); 0.125 mg/kg
- Sediment (Marinewater); 0.0125 mg/kg

## **8.2 Exposure controls**

### **Protective Equipment**



#### **Process Conditions**

Provide eyewash station.

#### **Engineering Measures**

Provide adequate ventilation.





Respiratory Equipment	No specific requirements are anticipated under normal conditions of use.
Hand Protection	Chemical resistant gloves (PVC).
Eye Protection	Wear approved safety goggles.
Other Protection	Wear appropriate clothing to prevent any possibility of skin contact.
Hygiene Measures	Good personal hygiene practices are always advisable, especially when working with chemicals / oils.
Personal Protection	Avoid inhalation and contact with skin and eyes.
Skin Protection	Wear apron or protective clothing in case of splashes.
Environmental Exposure Controls	Avoid discharging into drainage water. Keep container tightly sealed when not in use.

## **09. PHYSICAL AND CHEMICAL PROPERTIES**

<b>9.1 Information on basic physical and chemical properties</b>	
Appearance	Liquid
Colour	Dark red to orange.
Odour	Characteristic
Relative Density	Approx. 0.992 @ 20°C
Flash Point (°C)	87
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.
<b>9.2 Other information</b>	
No additional data available.	

## **10. STABILITY AND REACTIVITY**

<b>10.1 Reactivity</b>	
There are no known reactivity hazards associated with this product.	
<b>10.2 Chemical stability</b>	
Stable under the recommended handling and storage conditions.	
<b>10.3 Possible hazardous reactions</b>	
None known.	
<b>10.4 Conditions to Avoid</b>	
Avoid heat, sparks, flames and other sources of ignition.	
<b>10.5 Incompatible materials</b>	
Avoid strong acids and strong oxidising agents.	

## 10.6 Hazardous Decomposition Products

None known.

## 11. TOXOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

Acute Toxicity	Harmful if swallowed Calc ATE - 847.60000
Skin corrosion / irritation	Causes skin irritation.
Serious eye damage / irritation	Causes serious eye damage.
Respiratory or skin sensitisation	May cause an allergic skin reaction.
Germ Cell Mutagenicity	Not classified.
Carcinogenicity	Not classified.
Reproductive toxicity	Not classified.
STOT-single exposure	Not classified.
STOT-repeated exposure	Not classified.
Aspiration hazard	Not classified.
Photo-toxicity	No additional data available.
Other Information	No additional data available.

## 12. ECOLOGICAL INFORMATION

### 12.1 Toxicity

Harmful 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

No additional data available.

### 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 compliance with all local and national regulations. Residues and empty containers should be taken care of as hazardous waste according to local and national provisions.

## 14. TRANSPORT INFORMATION

### 14.1 UN number



UN No. Road	Not regulated for transport.
UN No. SEA	Not regulated for transport.
UN No. AIR	Not regulated for transport.
<b>14.2 UN proper shipping name</b>	
Not applicable - The product is not covered by international regulations on the transport of dangerous goods. (IMDG, IATA, ADR/RID).	
<b>14.3 Transport hazard class(es)</b>	
No transport warning sign required.	
<b>14.4 Packing group</b>	
Not applicable.	
<b>14.5 Environmental hazards</b>	
Not classified as an environmentally hazardous substance for transport.	
<b>14.6 Special precautions for user</b>	
See sections 6 – 8.	
<b>14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC code</b>	
No additional data available.	

## **15. REGULATORY INFORMATION**

<b>15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture</b>	
<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.	
<b>15.2 Chemical safety assessment</b>	
No additional information available.	

## **16. OTHER INFORMATION**

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.
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	H351 Suspected of causing cancer. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects.
Revision Date	26/11/2019
Rev No	1

**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 user's responsibility to satisfy himself as to the suitability of such information for his own particular use.



Product Name	Rose Gallica Absolute				
Date	26/11/2019			Rev	1
Description	The extract of the flowers of the French rose.				
Appearance	Viscous Liquid, Dark Red – Orange				
Odour	Characteristic; Flowery, Rose				
Origin	Bulgaria				
INCI Name	Rosa Gallica Flower Extract				
CAS Number	84604-13-7		EC Number	283-290-3	

#### **TEST SPECIFICATION**

Analytical Test	Specification Range
Specific Gravity @20°C (g/ml)	0.945 – 1.140
Refractive Index @ 20°C	1.480 – 1.525

#### **STORAGE**

Store in a cool, dry, well-ventilated place. Keep away from heat and sunlight.

#### **STABILITY**

If stored for twenty-four months, check quality of product before use.

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Please note as this is a wholly natural material some parameters, in particular, appearance, colour and odour, may change due to natural variation and climate change. This in no way affects the quality and efficacy of the product.



## **Vegetarian & Vegan Suitability Statement**

PRODUCT NAME: Rose Gallica Absolute

MADAR Corporation Limited can confirm that the above listed product has not been tested in animals and does not contain dairy or any other animal product, by product or derivative and is therefore suitable for vegetarian and vegan use.

28/06/19