



## CERTIFICATE OF ANALYSIS

**Product:** ROSE BULGARIAN HYDROSOL  
**Batch:** 4433502  
**Best Before End:** MAy 2023

### TEST RESULTS:

<b>Appearance</b>	<b>Transparent liquid</b>
<b>Colour</b>	<b>Colourless</b>
<b>Odour</b>	<b>Of rose flowers</b>
<b>Content of Essential oil, % (m/m)</b>	<b>0,043</b>
<b>Content of Ethyl alcohol, % (v/v)</b>	<b>1,08</b>
<b>Relative Density</b>	<b>0,998</b>
<b>pH (direct) 20°C</b>	<b>6,2</b>

### Microbiological tests:

<b>Total heterotrophic germs, mould and fungi contents, CfU/cm<sup>3</sup></b>	<b>&lt; 10</b>
<b>- Pathogeneous &amp; conditionally pathogeneous germs of: Staphylococcus aureus; Pseudomonas aeruginosa, E.coli,Candida albicans</b>	<b>None</b>

NOTE : Ethyl alcohol is a natural component of the Natural Rose Water and has been obtained during the distillation process of the rose flowers.



**DECLARATION OF ALLERGENS**  
**Annex III of Directive 2003/15/CEE**

**PRODUCT: ROSE WATER**

<b>MATERIAL</b>	<b>CAS №</b>	<b>TOTAL ALLERGENS</b>
Amyl cinnamal	122-40-7	n.d.
Benzyl alcohol	100-51-6	n.d.
Cinnamyl alcohol	104-51-6	n.d.
Citral	5392-40-5	n.d.
Eugenol	97-53-0	n.d.
Methyl eugenol	97-54-1	n.d.
Amyl cinnamyl alcohol	101-85-9	n.d.
Benzyl salicylate	118-58-1	n.d.
Cinnamal (Cinnamic aldehyde)	104-55-2	n.d.
Coumarin	91-64-5	n.d.
Geraniol	106-24-1	n.d.
Hydroxymethyl pentyl cyclohexene carboxaldehyde	31906-04-4	n.d.
Anisyl alcohol (Anise alcohol)	105-13-5	n.d.
Benzyl cinnamate	103-41-3	n.d.
Farnesol	4602-84-0	n.d.
2-tert-butyl propionalde (Lilial)	80-54-6	n.d.
Linalool	78-70-6	n.d.
Benzyl benzoate	120-54-4	n.d.
Citronellol	106-22-9	n.d.
Hexyl cinnamic aldehyde (Hexyl)	101-86-0	n.d.
Limonene	5989-27-5	n.d.
Methyl menthyl carbonate	111-12-6	n.d.
3-methyl-4-(2,6,6-trimethyl)-2	127-51-5	n.d.
		0

**Date: 24.02.2016**

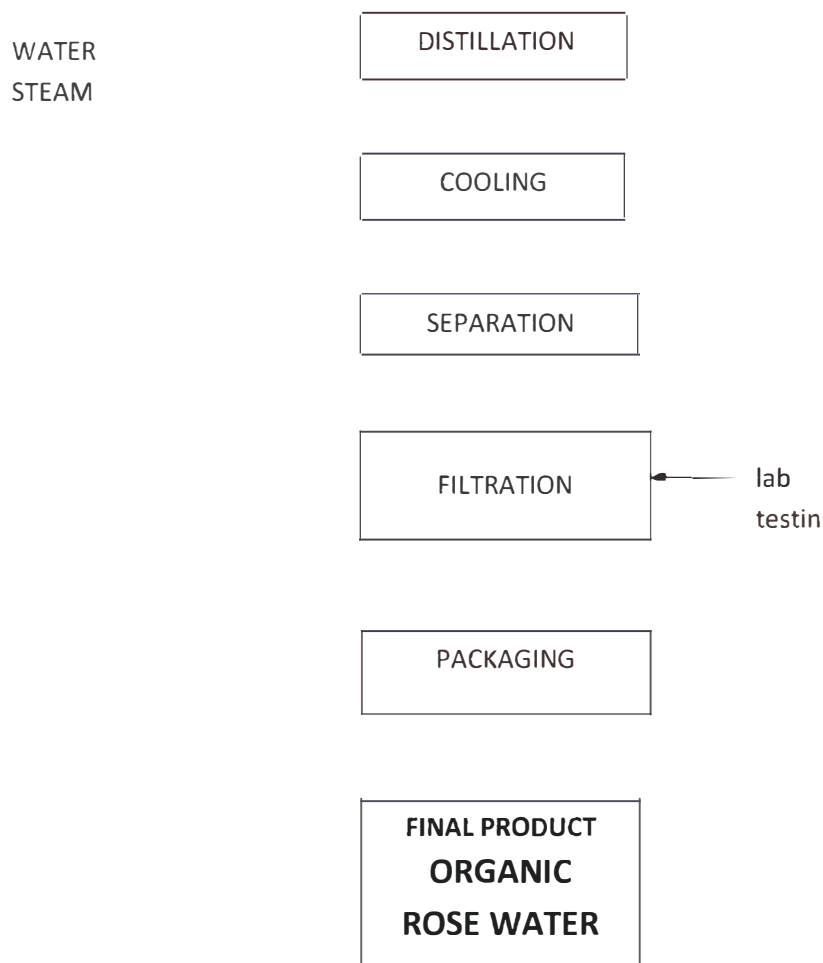
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## PROCESS FLOWCHART

### ROSE BULGARIAN WATER

ORGANIC RAW MATERIAL (ROSA DAMASCENA)





## DECLARATION

Our producer certifies that the following product,

**BULGARIAN ROSE WATER is:**

- GMO free
- Not derive from genetically modified organisms

## IFRA 48 INFORMATION SHEET

Product name: Rose Bulgarian Flower Water

This material complies with the most current IFRA Guidelines? (IFRA 48)      Yes       No

According to the IFRA 48<sup>th</sup> amendment, please complete the tables below:

### EU Fragrance Allergens

Ingredient Name	CAS number	% Total
alpha-Amyl Cinnamic Aldehyde	122-40-7	-
alpha-Amyl Cinnamic Alcohol	101-85-9	-
Anisyl Alcohol	105-13-5 1331-81-3	-
Benzyl Alcohol	100-51-6	-
Benzyl Benzoate	120-51-4	-
Benzyl Cinnamate	103-41-3	-
Benzyl Salicylate	118-58-1	-
Cinnamic Alcohol	104-54-1	-
Cinnamic Aldehyde	104-55-2	-
Citral (mixture of neral + geranial)	5392-40-5	-
Citronellol	106-22-9	-
Coumarin	91-64-5	-
Eugenol	97-53-0	1,5
Farnesol	4602-84-0	1.6
gamma-Methyl Ionone	127-51-5	-
Geraniol	106-24-1	18
Hexyl Cinnamic Aldehyde	101-86-0	-
Hydroxyisohexyl 3-Cyclohexene Carboxaldehyde	31906-04-4 51414-25-6	-
Hydroxycitronellal	107-75-5	-
Iso Eugenol	97-54-1	-
Butylphenyl Methylpropional	80-54-6	-
Limonene	5989-27-5 138-86-3 5989-54-8	0,1
Linalool	78-70-6	3
Methyl Heptine Carbonate	111-12-6	-
Oakmoss	68917-10-2 90028-68-5	-
Treemoss	68648-41-9 90028-67-4	-

**IFRA 48th Amendment restricted substances**

Ingredient Name	CAS number	% Total
Acetic acid, anhydride, reaction products with 1,5,10-trimethyl-1,5,9-cyclododecatriene (Trimofix O, Fixamber)	144020-22-4 28371-99-5	-
5-Acetyl-1,1,2,3,3,6-hexamethyl indan (AHMI)	15323-35-0	-
Acetylated Vetiver oil	117-98-6 62563-80-8 68917-34-0 73246-97-6 84082-84-8	-
Allyl phenoxyacetate	7493-74-5	-
Angelica root oil	8015-64-3	-
Benzaldehyde	100-52-7	-
Bergamot oil expressed	8007-75-8	-
Bitter orange peel oil expressed	68916-04-1 72968-50-4	-
$\alpha$ -Butylcinnamaldehyde	7492-44-6	-
p-tert-Butyldihydrocinnamaldehyde (Bourgeonal)	18127-01-0	-
Carvone	99-49-0	-
d-Carvone	2244-16-8	-
l-Carvone	6485-40-1	-
Cinnamic aldehyde dimethyl acetal	4364-06-1	-
Cinnamyl nitrile	1885-38-7 4360-47-8	-
Citrus oils and other furocoumarins containing essential oils (Bergapten)	-	-
Cuminaldehyde	122-03-2	-
Cumin oil	8014-13-9	-
Cyclamen aldehyde	103-95-7	-
Cyclopentadecanolide	106-02-5	-
Dibenzyl ether	103-50-4	-
Dihydrocoumarin	119-84-6	-
6,7-Dihydro-1,1,2,3,3-pentamethyl-4(5H)- indanone (DPMI, Cashmeran)	33704-61-9	-
Dimethylcyclohex-3-ene-1-carbaldehyde (mixed isomers)	68737-61-1 68039-49-6 68039-48-5 27939-60-2 67801-65-4 36635-35-5 68084-52-6 35145-02-9	-
1-(5,5-Dimethyl-1-cyclohexen-1-yl)pent-4-en-1-one	56973-85-4	-
2,2-Dimethyl-3-(3-tolyl)propan-1-ol (Majantol)	103694-68-4	-
2-Ethoxy-4-methylphenol	2563-07-7	-
p-Ethylbenzaldehyde	4748-78-1	-
Estragole	140-67-0	-
Furfural	98-01-1	-
Grapefruit oil expressed	8016-20-4	-
2-Heptylidene cyclopentan-1-one	39189-74-7	-
trans-2-Hexenal	6728-26-3	-

Ingredient Name	CAS number	% Total
$\alpha$ -Hexylidene cyclopentanone	17373-89-6	-
Hexyl salicylate	6259-76-3	-
p-Isobutyl- $\alpha$ -methyl hydrocinnamaldehyde	6658-48-6	-
Isocyclocitral	1335-66-6 1423-46-7 67634-07-5	-
Isocyclogeraniol	68527-77-5	-
Jasmine absolute (grandiflorum)	8022-96-6 8024-43-9 90045-94-6 84776-64-7	-
Jasmine absolute (sambac)	91770-14-8	-
Lemon oil cold pressed	8008-56-8	-
Lime oil expressed	8008-26-2	-
Melissa oil (genuine <i>Melissa officinalis</i> L.)	8014-71-9 84082-61-1	-
p-Mentha-1,8-dien-7-al (Perilla aldehyde)	2111-75-3	-
Menthadiene-7-methyl formate	68683-20-5	-
p-Methoxybenzaldehyde	123-11-5	-
o-Methoxycinnamaldehyde	1504-74-1	-
Methoxy dicyclopentadiene carboxaldehyde (Scentenal)	86803-90-9	-
4-Methoxy- $\alpha$ -methylbenzenepropanal	5462-06-6	-
2-Methoxy-4-methylphenol	93-51-6	-
3-(m-tert-Butylphenyl)-2- methylpropionaldehyde (m-BMHCA)	62518-65-4	-
$\alpha$ -Methyl-1,3-benzodioxole-5-propionaldehyde (MMDHCA)	1205-17-0	-
$\alpha$ -Methyl cinnamic aldehyde	101-39-3	-
Methyl eugenol	93-15-2	-
6-Methyl-3,5-heptadien-2-one (methyl heptadienone)	1604-28-0	-
Methyl ionone, mixed isomers	1335-46-2 127-42-4 127-43-5 127-51-5 7779-30-8 79-89-0	-
Methyl N-methylantranilate	85-91-6	-
Methyl octine carbonate	111-80-8	-
3-Methyl-2-(pentyloxy)cyclopent-2-en-1-one	68922-13-4	-
Methyl $\beta$ -naphthyl ketone	93-08-3	-
2-Nonyl-1-al dimethyl acetal	13257-44-8	-
OTNE (1-(1,2,3,4,5,6,7,8 Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl) ethanone)	54464-57-2	-
1-Octen-3-yl acetate	2442-10-6	-
Opoponax (all forms)	8021-36-1 9000-78-6 93384-32-8	-
Peru balsam extracts and distillates	8007-00-9	-
1-(2,4,4,5,5-Pentamethyl-1-cyclopenten-1-yl)ethan-1-one	13144-88-2	-
Phenylacetaldehyde	122-78-1	-

Ingredient Name	CAS number	% Total
3-Phenylbutanal	16251-77-7	-
2-Phenylpropionaldehyde	93-53-8	-
3-Propylideneophthalide	17369-59-4	-
Rose ketones	23696-85-7 23726-93-4 43052-87-5 24720-09-0 23726-94-5 23726-92-3 23726-91-2 57378-68-4 71048-82-3 39872-57-6 70266-48-7 33673-71-1 35087-49-1 35044-68-9	-
Styrax (distillates)	94891-27-7 94981-28-8	-
Teal leaf absolute	84650-60-2	-
o,m,p-Tolualdehydes and their mixtures	529-20-4 620-23-5 104-87-0 1334-78-7	-
2,6,6-Trimethylcyclohex-1,3-dienyl methanal	116-26-7	-
Rue oil	8014-29-7	-
Tagetes oil and absolute	91722-29-1 8016-84-0	-
Verbena absolute (Lippia citriodora Kunth.)	8024-12-2 85116-63-8	-
Ylang ylang extracts	8006-81-3 68606-83-7 83863-30-3	-

#### IFRA 48th Amendment specified substances

Ingredient Name	CAS number	% Total
Allyl Esters	N/A	-
Allyl phenoxyacetate	7493-74-5	-
Birch wood pyrolysate	8001-88-5 84012-15-7 85940-29-0 68917-50-0	-
Cade oil (Juniperus oxycedrus L.)	8013-10-3 90046-02-9	-
2,2-Dimethyl-3-(3-tolyl)propan-1-ol (Majantol)	103694-68-4	-
Musk ketone	81-14-1	-
Nootkatone	4674-50-4	-



Ingredient Name	CAS number	% Total
Pinacea derivatives		-
Sclareol	515-03-7	-

#### IFRA 48th Amendment prohibited substances

Ingredient Name	CAS number	% Total
Acetyl ethyl tetramethyl tetralin (AETT, Versalide)	88-29-9	-
Acetyl isovaleryl (5-Methyl-2,3-hexanedione)	13706-86-0	-
Alantroot oil (Elecampane oil)	97676-35-2	-
Allyl heptine carbonate	73157-43-4	-
Allyl isothiocyanate	57-06-7	-
Amylcyclopentenone	25564-22-1	-
Anisylidene acetone (4-(p-methoxyphenyl)-3-butene-2-one)	943-88-4	-
cis-and trans-Asarone ((E)-and(Z)-2,4,5-Trimethoxypropen-1-yl benzene)	2883-98-9 5273-86-9	-
Benzene	71-43-2	-
Benzyl cyanide	140-29-4	-
Benzylidene acetone (4-Phenyl-3-buten-2-one)	122-57-6	-
Birch wood pyrolysate (Crude)	8001-88-5 84012-15-7 85940-29-0 68917-50-0	-
Boldo oil	8022-81-9	-
3-Bromo-1,7,7-trimethylbicyclo[2.2.1]heptane-2-one	76-29-9	-
Bromostyrene	103-64-0	-
p-tert-Butylphenol	98-54-4	-
Cade oil - Juniperus oxycedrus L. (Crude)	8013-10-3 90046-02-9	-
Carvone oxide	33204-74-9	-
Chenopodium oil	8006-99-3	-
Cinnamylidene acetone	4173-44-8	-
Colophony	8050-09-7	-
Costus root oil, absolute and concrete	8023-88-9	-
Cyclamen alcohol (3-(4-Isopropylphenyl)-2-methylpropanol)	4756-19-8	-
1,3-Dibromo-2-methoxy-4-nitro-5-(1,1-dimethylethyl)-6-methyl-benzene (Musk alpha)	63697-53-0	-
1,3-Dibromo-2-methoxy-4-methyl-5-nitrobenzene (Musk KS)	62265-99-0	-
2,2-Dichloro-1-methylcyclopropylbenzene	3591-42-2	-

Ingredient Name	CAS number	% Total
2,4-Dienals	764-40-9	-
	142-83-6	
	80466-34-8	
	5910-85-0	
	30361-28-5	
	6750-03-4	
	2363-88-4	
	13162-46-4	
	21662-16-8	
	25152-84-5	
30361-29-6		
4313-03-5		
Diethyl maleate	141-05-9	-
2,4-Dihydroxy-3-methylbenzaldehyde	6248-20-0	-
4,6-Dimethyl-8-tert-butylcoumarin (Butolia)	17874-34-9	-
3,7-Dimethyl-2-octen-1-ol	40607-48-5	-
Dimethyl citraconate	617-54-9	-
Diphenylamine	122-39-4	-
2,4-Dodecadien-1-ol, (2E, 4E)	18485-38-6	-
Esters of 2-octynoic acid (Except Methyl heptine carbonate which is IFRA Restricted)	10484-32-9	-
	10519-20-7	
Esters of 2-nonynoic acid, (Except Methyl octine carbonate)	10031-92-2	-
Ethyl acrylate	140-88-5	-
Ethylene glycol monoethyl ether and its Acetate	110-80-5	-
	111-15-9 (acetate)	
Ethylene glycol monomethyl Ether and its Acetate	109-86-4	-
	110-49-6 (acetate)	
Fig leaf absolute	68916-52-9	-
Furfuryl alcohol	98-00-0	-
Furfurylidene acetone	623-15-4	-
Geranyl nitrile	5146-66-7	-
	5585-39-7	
	31983-27-4	
trans-2-Heptenal	18829-55-5	-
2,4-Hexadien-1-ol	111-28-4	-
	17102-64-6	
Hexahydrocoumarin	700-82-3	-
trans-2-Hexenal diethyl acetal	67746-30-9	-
trans-2-Hexenal dimethyl acetal	18318-83-7	-
Hydroabietyl alcohol, dihydroabietyl alcohol	13393-93-6	-
	26266-77-3	
	1333-89-7	
Hydroquinone monoethyl ether (4-ethoxy-Phenol)	622-62-8	-
Hydroquinone monomethyl ether (4-methoxy-Phenol)	150-76-5	-
Isophorone	78-59-1	-
6-Isopropyl-2-decalol (Decatol)	34131-99-2	-
Massoia bark oil	85085-26-3	-

Ingredient Name	CAS number	% Total
Massoia lactone	54814-64-1 51154-96-2	-
7-Methoxycoumarin	531-59-9	-
alpha-Methyl anisylidene acetone (1-(4-Methoxyphenyl)-1-penten-3-one)	104-27-8	-
6-Methylcoumarin (Toncarine)	92-48-8	-
7-Methylcoumarin	2445-83-2	-
Methyl crotonate	623-43-8	-
4-Methyl-7-ethoxycoumarin (Maraniol)	87-05-8	-
p-Methylhydrocinnamic aldehyde	5406-12-2	-
Methyl methacrylate	80-62-6	-
3-Methyl-2(3)-nonenenitrile (Citgrenile)	53153-66-5	-
Moskene (1,1,3,3,5-Pentamethyl-4,6-dinitroindane)	116-66-5	-
Musk ambrette	83-66-9	-
Musk tibetene (1-tert-Butyl-2,6-dinitro-3,4,5-trimethylbenzene)	145-39-1	-
Musk Xylene	81-15-2	-
Nitrobenzene	98-95-3	-
2-Pentylidene cyclohexanone	25677-40-1	-
Peru balsam crude	8007-00-9	-
Phenyl acetone (Methyl benzyl ketone)	103-79-7	-
Phenyl benzoate	93-99-2	-
Pseudoionone (2,6-Dimethylundeca-2,6,8-trien-10-one)	141-10-6	-
Pseudo Methylionones	26651-96-7 72968-25-3 1117-41-5	-
Quinoline	91-22-5	-
Safrole, Isosafrole, Dihydrosafrole	94-59-7	-
Santolina oil	84961-58-0	-
Savin oil (Juniperus Sabina L.)	8024-00-8	-
Styrax (Crude)	8024-01-9 8046-19-3	-
Toluene	108-88-3	-
Verbena oil	8024-12-2	-

## Material Safety Data Sheet

According to EU Regulation 1907/2006 in the current version

### BULGARIAN ROSE WATER

#### 1. Identification of the substance/preparation and the company

Trade name:	Bulgarian Rose water
Utilization:	Raw material for cosmetic preparations
Supplier company identification:	Madar Corporation Limited, 19 - 20 Sandleheath Industrial Estate, Fordingbridge, Hampshire, SP6 1PA
Emergency:	technical@madarcorporation.co.uk 01425 655555

#### 2. Hazards Identification

##### 2.1 Classification of the substance

The product is not classified as hazardous within the meaning of Directive 67/548/EEC.

The product is not classified as hazardous within the meaning of Regulation (EU) No 1272/2008.

2.2 Label elements: none

2.3 Other hazards

In normal use conditions and in its original form, the product itself does not involve any other risk for health and the environment.

#### 3. Composition / Information on ingredients

##### 3.1 Substance

Rosa damascena floral water 100 % (CAS

No) 90106-38-0 (EC no) 290-260-3

Classification according to Directive 67/548/EEC: Not classified

Classification according to Regulation (EC) No. 1272/2008 [CLP]: Not classified

3.2 Mixture -- not applicable

#### 4. First Aid

##### 4.1. Description of first aid measures

First-aid measures general: If you feel unwell, seek medical advice. Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

First-aid measures after inhalation: Allow victim to breathe fresh air. Respiratory problems: consult a doctor/medical service. Allow the victim to rest.

First-aid measures after skin contact: Rinse with water. Soap may be used. If irritation persists, consult a doctor.

Remove affected clothing and wash all exposed skin area with soap and water, followed by water rinse. First-aid measures after eye contact: Rinse cautiously with water for several minutes. Consult an ophthalmologist if irritation persists. Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness.

First-aid measures after ingestion: Rinse mouth out with water. Call a poison center or a doctor if you feel unwell.

Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

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

Symptoms/injuries: Not expected to present a significant hazard under anticipated conditions of normal use.

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

No supplementary information available.

#### 5. Fire-fighting Measures

## Material Safety Data Sheet

According to EU Regulation 1907/2006 in the current version

### BULGARIAN ROSE WATER

#### 5.1. Extinguishing media

Suitable extinguishing media: Foam, Dry powder, Carbon dioxide< Water spray, Sand.

Unsuitable extinguishing media: Do not use a heavy water stream.

#### 5.2. Special hazards arising from the substance or mixture

Fire hazard: No direct fire hazard.

Explosion hazard: No direct explosion hazard.

Reactivity in case of fire: No direct reactivity in case of fire.

#### 5.3. Advice for firefighters

Firefighting instructions: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.

Protection during firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

Other information: No supplementary information available.

### 6. Accidental release measures:

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

Avoid inhalation & direct contact with eyes. Use individual protective equipment (safety glasses, waterproof-boots, suitable protective clothing) in case of major spillages.

#### 6.2. Environmental precautions

No special measures required.

#### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up: Collect spillage. Other information: No supplementary information available.

#### 6.4. Reference to other sections

No additional information available. See Heading 8. Exposure controls and personal protection.

### 7. Handling and Storage

#### 7.1. Precautions for safe handling

Precautions for safe handling: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor.

#### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Keep only in original container. Keep container closed when not in use. Store tightly closed in a dry and cool place.

Incompatible products: no relevant information available

Incompatible materials: no relevant information available

Storage area: Keep tightly closed original container, in a cool, dry & ventilated area away from heat sources & protected from light.

### 8. Exposure Controls and Personal Protection

#### 8.1. Control parameters

Additional information: No additional information available

#### 8.2. Exposure controls



Personal protective equipment: Protective creams may be used for exposed skin. Wear suitable protective gloves in the event of prolonged or repeated skin contact. Gloves must be selected according to the application and duration of use at the workstation. Protective gloves need to be selected according to their suitability for the workstation in question: other chemical products that may be handled, necessary physical protections (cutting, pricking, heat

**Material Safety Data Sheet**

According to EU Regulation 1907/2006 in the current version

**BULGARIAN ROSE WATER**

protection), level of dexterity required.

Eye protection: Avoid contact with eyes. Use eye protectors designed to protect against liquid splashes.

Respiratory protection: Wear appropriate mask adapted to work station.

Other information: Do not eat, drink or smoke during use.

**9. Physical and Chemical Properties**

Physical state: Fluid liquid

Color: Colorless to light yellow

Odor: Characteristic

Odor threshold: No data available

pH: 4-6

Relative evaporation rate: No data available

Melting point: No data available

Freezing point: No data available

Boiling point: No data available

Flash point: No data available

Auto-ignition temperature: No data available

Decomposition temperature: No data available

Flammability (solid, gas): No data available

Vapor pressure: No data available

Relative density at 20 °C: aprox. 1.000

Refraction index: No data available

Solubility: Soluble in water

Log Pow: No data available

Viscosity, kinematic: No data available

Viscosity, dynamic: No data available

Explosive properties: No data available

Oxidizing properties: No data available

Explosive limits: No data available

**10. Stability and Reactivity**

10.1. Reactivity: It presents no significant reactivity hazards, by itself or in contact with water. Avoid contact with strong acids, alkali or oxidizing agents.

10.2. Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions: Not established.

10.4. Conditions to avoid: Keep away from heat sources, open flames and sunlight.

10.5. Incompatible materials: No supplementary information available.

10.6. Hazardous decomposition products: Product does not decompose at proper handling. Liable to cause smoke & acrid fumes during combustion: carbon monoxide, carbon dioxide & other non-identified organic compounds may be formed.

**11. Toxicological Information**

11.1. Information on toxicological effects

Acute toxicity: Not classified

Skin corrosion/irritation: Not classified Serious  
eye damage/irritation: Not classified

Respiratory or skin sensitization: Not classified

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**BULGARIAN ROSE WATER**

Germ cell mutagenicity: Not classified  
 Carcinogenicity: Not classified  
 Reproductive toxicity: Not classified  
 Specific target organ toxicity (single exposure): Not classified  
 Specific target organ toxicity (repeated exposure): Not classified  
 Aspiration hazard: Not classified

**12. Ecological Information**

12.1. Toxicity: low  
 12.2. Persistence and degradability: completely biodegradable  
 12.3. Bioaccumulative potential: none  
 12.4. Mobility in soil: No additional information available  
 12.5. Results of PBT and vPvB assessment: No additional information available  
 12.6. Other adverse effects  
 Additional information: No additional information available

**13. Disposal Considerations**

13.1. Waste treatment methods  
 Regional legislation (waste): No supplementary information available.  
 Waste disposal recommendations: Collect and dispose of waste product in accordance with local and EC environmental regulations.

**14. Transport Information**

It is not classified as a dangerous substance for transport.  
 14.1 UN number: ADR/RID: - IMDG: - IATA: -  
 14.2 UN proper shipping name  
 ADR/RID: Not dangerous goods. IMDG: Not dangerous goods. IATA: Not dangerous goods  
 14.3 Transport hazard class (es)  
 ADR/RID: - IMDG: - IATA: -  
 14.4 Packaging group  
 ADR/RID: - IMDG: - IATA: -  
 14.5 Environmental hazards  
 ADR/RID: no IMDG Marine pollutant: no IATA: no  
 14.6 Special precautions for user: no data available  
 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: Not applicable

**15. Additional Regulatory Information**

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture  
 15.1.1. EU-Regulations  
 Contains no substances with Annex XVII restrictions  
 Not subject to classification according to Directive 67/548/EC or Directive 1999/45/EC. Not subject to classification according to CLP Regulation (EC) No. 1272/2008.  
 15.1.2. National regulations  
 No additional information available  
 15.2. Chemical safety assessment  
 No chemical safety assessment has been carried out

**Material Safety Data Sheet**

According to EU Regulation 1907/2006 in the current version

**BULGARIAN ROSE WATER****16. Other Information****Disclaimer:**

This material safety data sheet does not constitute a guarantee of the properties of the product and is not a contractual legal report. The information is given in good faith on the basis of our best knowledge of the product at the indicated time. However, we cannot accept responsibility or liability for any consequences arising from its use, no warranty for correctness and completeness is given. We caution the users against the incurred possible risks when the product is used at other ends than the use for which it was initially planned. It is the user's responsibility during handling, storage and product use to consult the main regulatory texts in force regarding workers and environment protection.

**Abbreviations:**

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

CAS: Chemical Abstracts Service (division of the American Chemical Society).

CLP: Classification, Labeling, Packaging.

DNEL: Derived No Effect Level.

EINECS: European Inventory of Existing Commercial Chemical Substances.

GHS: Globally Harmonized System of Classification and Labeling of Chemicals.

IATA: International Air Transport Association.

IATA-DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA).

ICAO: International Civil Aviation Organization.

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO).

IMDG: International Maritime Code for Dangerous Goods.

INCI: International Nomenclature of Cosmetic Ingredients.

LTE: Long-term exposure.

PNEC: Predicted No Effect Concentration.

RID: Regulation Concerning the International Transport of Dangerous Goods by Rail.

STE: Short-term exposure.

STEL: Short Term Exposure limit.

STOT: Specific Target Organ Toxicity.





## BULGARIAN ORGANIC ROSE WATER

### Technical specification according to the Bulgarian State Standard

Obtained from the fresh flowers of *Rosa damascena* through steam distillation. For producing 1 ton of rose water, 1 500 kg rose flowers are used .

#### **DESCRIPTION:**

**Appearance:** Transparent liquid

**Color:** Colorless

**Odor:** Typical of Rose

#### **PHYSICAL AND CHEMICAL PROPERTIES**

**Content of essential oil, %** min 0,035

**Content of Ethyl alcohol, %** max 2,0

**pH (direct)** 5,0 – 7,0

#### **CONTENT OF MACROCOMPOUNDS, %**

##### **(by Gas – Chromatography)**

- Phenylethyl alcohol	Positive
- Citronellol	Positive
- Geraniol	Positive
- Nerol	Positive



## **Vegetarian & Vegan Suitability Statement**

PRODUCT NAME: Rose Bulgarian Water

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