

# Safety Data Sheet

## Rose Centifolia Floral Water

BIOFORM

NATURE'S FINEST MATERIALS

PRODUCT **Rose Centifolia Floral Water** · BOTANICAL NAME **Rosa centifolia L.** · DATE **29.09.2026**

### PRODUCER

Bioform Ltd

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### DOCUMENT CONTROL

Safety Data Sheet

Version: 1.1  
Issued: 29.09.2026  
Applies to: Rose Centifolia Floral Water  
Scope: Regulation (EC) No 1907/2006, Annex II, as amended by (EU) 2020/878  
Status: Approved

**Indicative values.** The values in this document are typical of the product, not the results of a particular batch. For batch-specific documentation and values (certificate of analysis, GC-MS report), contact us at [sales@bioform.bg](mailto:sales@bioform.bg) or +359 889 45 05 50.

## 1 · IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

|                         |                                                                                                                                                                                              |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.1 Product name        | Rose Centifolia Floral Water                                                                                                                                                                 |
| Botanical source        | Rosa centifolia L.                                                                                                                                                                           |
| Plant part              | Fresh flower petals                                                                                                                                                                          |
| CAS number              | Not applicable — mixture (see section 3)                                                                                                                                                     |
| EC number               | Not applicable (mixture)                                                                                                                                                                     |
| REACH registration no.  | Not subject to registration: water and natural plant constituents obtained by steam distillation, not chemically modified and not classified (REACH, Article 3(39) and Annex V, point 8)     |
| 1.2 Relevant uses       | Raw material for cosmetic and personal care formulation. Industrial and professional use.                                                                                                    |
| 1.3 Supplier            | Bioform Ltd<br>Str. Oreshaka 5, Village Tazha, 6160 Pavel Banya, Stara Zagora, Bulgaria<br>+359 889 45 05 50 · sales@bioform.bg                                                              |
| 1.4 Emergency telephone | +359 2 9154 233<br>National Toxicology Center Bulgaria, Hospital for Active Medical Treatment and Emergency Medicine "N. I. Pirogov" · poison_centre@mail.orbitel.bg · www.pirogov.bg · 24/7 |

## 2 · HAZARDS IDENTIFICATION

|                          |                                                                                             |
|--------------------------|---------------------------------------------------------------------------------------------|
| 2.1 Classification (CLP) | Not classified as hazardous according to Regulation (EC) No 1272/2008 (CLP). <sup>[2]</sup> |
| 2.2 Label elements       | None required.                                                                              |
| 2.3 Other hazards        | Not considered PBT or vPvB.                                                                 |

## 3 · COMPOSITION / INFORMATION ON INGREDIENTS

|                |                                                                                                                                                      |
|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| Substance type | Aqueous distillate (hydrosol) obtained by steam distillation of the plant material named in section 1. Contains traces of dissolved plant volatiles. |
| Identity       | Rose Centifolia Floral Water — Rosa centifolia L.                                                                                                    |

Typical content for this compound <sup>[1]</sup>.

| CONSTITUENT                                            | CAS       | EC        | CONTENT % | CLASSIFICATION (CLP)                              |
|--------------------------------------------------------|-----------|-----------|-----------|---------------------------------------------------|
| Water                                                  | 7732-18-5 | 231-791-2 | > 99.9    | Not classified                                    |
| Dispersed plant volatiles (essential-oil constituents) |           |           | < 0.1     | Below the concentration limits for classification |



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#### 4 · FIRST-AID MEASURES

|                      |                                                               |
|----------------------|---------------------------------------------------------------|
| Inhalation           | No specific measures needed.                                  |
| Skin contact         | Wash with water if irritation occurs.                         |
| Eye contact          | Rinse with water. If irritation persists, get medical advice. |
| Ingestion            | Rinse mouth. Get medical advice if you feel unwell.           |
| Symptoms and effects | None known under normal use.                                  |
| Medical attention    | Treat symptomatically.                                        |

#### 5 · FIRE-FIGHTING MEASURES

|                                |                                              |
|--------------------------------|----------------------------------------------|
| Suitable extinguishing media   | Use media suitable for the surrounding fire. |
| Unsuitable extinguishing media | None known.                                  |
| Special hazards                | The product is aqueous and not flammable.    |
| Advice for firefighters        | Standard protective equipment.               |

#### 6 · ACCIDENTAL RELEASE MEASURES

|                           |                                                            |
|---------------------------|------------------------------------------------------------|
| Personal precautions      | Floors may become slippery. Avoid contact with eyes.       |
| Environmental precautions | Prevent large quantities entering drains or surface water. |
| Clean-up                  | Absorb with inert material or rinse the area with water.   |

#### 7 · HANDLING AND STORAGE

|                   |                                                                                                                       |
|-------------------|-----------------------------------------------------------------------------------------------------------------------|
| Safe handling     | Follow good hygiene practice. Avoid contamination of the product: use clean equipment and close containers after use. |
| Storage           | Store in closed, full containers in a cool, dark place, protected from contamination and freezing.                    |
| Specific end uses | See section 1.2.                                                                                                      |

#### 8 · EXPOSURE CONTROLS / PERSONAL PROTECTION

|                              |                                                               |
|------------------------------|---------------------------------------------------------------|
| Occupational exposure limits | No occupational exposure limits established for this product. |
| Engineering controls         | No special measures required.                                 |
| Eye protection               | Safety glasses recommended when decanting.                    |
| Hand protection              | Not normally required.                                        |
| Respiratory protection       | Not required.                                                 |
| Skin and body protection     | Work clothing.                                                |

#### 9 · PHYSICAL AND CHEMICAL PROPERTIES

Typical values for this compound <sup>[1]</sup>.

|                             |                                                                                    |
|-----------------------------|------------------------------------------------------------------------------------|
| Physical state / appearance | Clear, colourless to very pale liquid                                              |
| Odour                       | Soft, honeyed, full-bodied rose — richer in character than Rosa damascena hydrosol |
| Flash point                 | Not applicable: aqueous product (> 99.9 % water), does not flash                   |
| Relative density (20 °C)    | approx. 1.00 at 20 °C (as water)                                                   |
| Refractive index (20 °C)    | No data available                                                                  |
| Optical rotation (20 °C)    | No data available                                                                  |
| Boiling point / range       | approx. 100 °C (as water)                                                          |
| Solubility                  | Miscible with water                                                                |
| pH                          | No data available                                                                  |



## 10 · STABILITY AND REACTIVITY

|                                  |                                                                                                   |
|----------------------------------|---------------------------------------------------------------------------------------------------|
| Reactivity                       | No hazardous reactions known.                                                                     |
| Chemical stability               | Stable under the recommended storage conditions. Susceptible to microbial growth if contaminated. |
| Conditions to avoid              | Heat, direct sunlight, contamination, freezing.                                                   |
| Incompatible materials           | None known.                                                                                       |
| Hazardous decomposition products | None known.                                                                                       |

## 11 · TOXICOLOGICAL INFORMATION

No toxicological test data are available for the product itself. Based on its composition, the product does not meet the criteria for classification.

## 12 · ECOLOGICAL INFORMATION

No ecotoxicological test data are available for the product itself. Based on its composition, the product does not meet the criteria for environmental classification.

## 13 · DISPOSAL CONSIDERATIONS

Dispose of in accordance with local and national regulations.

## 14 · TRANSPORT INFORMATION

Not classified as dangerous goods for transport (ADR/RID, IMDG, IATA).

## 15 · REGULATORY INFORMATION

Regulation (EC) No 1907/2006 (REACH); Regulation (EC) No 1272/2008 (CLP); Regulation (EC) No 1223/2009 (cosmetic products) where relevant.

## 16 · OTHER INFORMATION

This safety data sheet was prepared from the composition of the product as supplied. The information is given in good faith and is correct to the best of our knowledge at the date of issue. It does not constitute a guarantee of specific properties.

Classification assessed by Bioform Ltd under the CLP mixture rules from the dispersed essential-oil content of hydrosols (less than 1 g/L, i.e. below 0.1 %): no constituent reaches a concentration limit for classification. Physical properties are those of the aqueous product. Typical dispersed essential-oil content of *Rosa centifolia* hydrosols: median 116 mg/L (cited study).

Supersedes revision 1.0.

## SOURCES

- Labadie C., Ginies C., Guinebretière M.-H., Renard C.M.G.C., Cerutti C., Carlin F. (2015). Hydrosols of orange blossom (*Citrus aurantium*), and rose flower (*Rosa damascena* and *Rosa centifolia*) support the growth of a heterogeneous spoilage microbiota. *Food Research International* 76:576–586 (hydrosols contain less than 1 g/L of dispersed essential oils; median 205 mg/L in *Rosa damascena* and 116 mg/L in *Rosa centifolia* hydrosols) — <https://doi.org/10.1016/j.foodres.2015.07.014> (accessed 2026-09-29)
- Regulation (EC) No 1272/2008 (CLP), Annex I: classification of mixtures from the concentrations of their classified constituents — <https://eur-lex.europa.eu/eli/reg/2008/1272/oj> (accessed 2026-09-29)

Place: 6160 Tazha, Bulgaria

Date: 29.09.2026



Signature and stamp  
Mariya Staykova

Authorised representative  
FOR AND ON BEHALF OF BIOFORM LTD



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