



SAFETY DATA SHEET (SDS)

Prepared in accordance with the Globally Harmonized System (GHS) and Regulation (EC) No. 1907/2006 (REACH, as amended)

SECTION 1 – IDENTIFICATION

Product Name: White Rose Otto Organic

Botanical Name: *Rosa × damascena* Mill.

INCI Name: Rosa Damascena Flower Oil

EU CAS Number: 8007-01-0

EC Number: 290-260-3

Product Type: Organic Essential Oil (Rose Otto)

Plant Part: Fresh Flowers

Extraction Method: Steam Distillation

Origin: Bulgaria

Certification: Organic

Recommended Use: Professional Perfumery Raw Material

Supplier

Aromology Trading LLC
G05 Al Ghazal Building
Nadd Al Hamar
Dubai, United Arab Emirates

Website: www.aromology.com
Email: info@aromology.com
Telephone: +971 505197601

SECTION 2 – HAZARD IDENTIFICATION



GHS Classification

- Skin Irritation – Category 2
- Skin Sensitisation – Category 1
- Eye Irritation – Category 2A
- Hazardous to the Aquatic Environment (Chronic) – Category 2

Signal Word

Warning

Hazard Statements

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H411 Toxic to aquatic life with long lasting effects.

Precautionary Statements

- P261 Avoid breathing vapours or mists.
- P264 Wash thoroughly after handling.
- P273 Avoid release to the environment.
- P280 Wear protective gloves and eye protection.
- P302+P352 IF ON SKIN: Wash with plenty of soap and water.
- P333+P313 If skin irritation or rash occurs: Get medical advice.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes.
- P337+P313 If eye irritation persists: Get medical advice.
- P391 Collect spillage.
- P501 Dispose of contents/container in accordance with local regulations.

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Component	Information
Product	White Rose Otto Organic
Botanical Name	<i>Rosa × damascena</i> Mill.
EU CAS Number	8007-01-0
EC Number	290-260-3
Purity	100% Pure Organic Steam Distilled Essential Oil



Typical Naturally Occurring Constituents

- Citronellol
- Geraniol
- Nerol
- Nonadecane
- Heneicosane
- Farnesol
- Linalool
- Geranyl Acetate
- Eugenol (trace)
- Methyl Eugenol (naturally occurring trace constituent)

Bulgarian rose otto is naturally rich in citronellol, geraniol and nerol, together with characteristic long-chain hydrocarbons that contribute to its unique odour profile.

SECTION 4 – FIRST AID MEASURES

Inhalation

Move the exposed person to fresh air.

Seek medical attention if symptoms persist.

Skin Contact

Wash immediately with soap and plenty of water.

Remove contaminated clothing.

Seek medical advice if irritation or sensitisation develops.

Eye Contact

Flush cautiously with clean water for at least 15 minutes.

Seek medical attention if irritation persists.

Ingestion

Do NOT induce vomiting.

Seek immediate medical attention.

SECTION 5 – FIRE FIGHTING MEASURES

Suitable Extinguishing Media

- Carbon dioxide
- Dry chemical powder
- Alcohol-resistant foam
- Water mist

Unsuitable Media

Direct water jet.

Hazardous Combustion Products

- Carbon monoxide
 - Carbon dioxide
 - Smoke
 - Irritating organic vapours
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SECTION 6 – ACCIDENTAL RELEASE MEASURES

Wear suitable personal protective equipment.

Prevent entry into drains and waterways.

Absorb with sand or other inert absorbent material.

Collect into suitable disposal containers.

SECTION 7 – HANDLING AND STORAGE

Use only with adequate ventilation.

Avoid prolonged contact with skin and eyes.

Keep containers tightly closed.



Protect from heat, direct sunlight and oxidising agents.

Recommended Storage Temperature: 5–20 °C

Natural crystallisation below room temperature is normal and reversible upon gentle warming.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

- Chemical safety goggles
- Nitrile gloves
- Laboratory coat
- Adequate local exhaust ventilation

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Property	Specification
Appearance	Clear liquid; may crystallise below room temperature
Colour	Pale Yellow to Light Yellow
Odour	Rich floral, fresh rose, honeyed, green, slightly spicy
Relative Density (20 °C)	0.848–0.880
Refractive Index (20 °C)	1.452–1.470
Optical Rotation	-5° to -1°
Flash Point	>70 °C
Solubility	Insoluble in water
Solubility	Soluble in ethanol

SECTION 10 – STABILITY AND REACTIVITY

Stable under recommended storage conditions.

Avoid:

- Strong oxidising agents
- Excessive heat
- Open flames
- Prolonged exposure to air



Hazardous decomposition products include carbon monoxide, carbon dioxide and smoke.

SECTION 11 – TOXICOLOGICAL INFORMATION

Routes of Exposure

- Skin
- Eyes
- Inhalation
- Ingestion

May cause skin irritation, eye irritation and allergic skin reactions in susceptible individuals.

Not classified as carcinogenic, mutagenic or toxic for reproduction.

SECTION 12 – ECOLOGICAL INFORMATION

Toxic to aquatic organisms with long-lasting effects.

Avoid uncontrolled release into the environment.

SECTION 13 – DISPOSAL CONSIDERATIONS

Dispose through an authorised waste contractor in accordance with local and national regulations.

SECTION 14 – TRANSPORT INFORMATION

Regulation	Status
UN Number	UN3082
Proper Shipping Name	Environmentally Hazardous Substance, Liquid, N.O.S. (Rose Oil)
ADR/RID	Class 9
IMDG	Class 9
IATA	Class 9
Packing Group	III



SECTION 15 – REGULATORY INFORMATION

Prepared in accordance with:

- GHS Revision 9
- OSHA Hazard Communication Standard (29 CFR 1910.1200)
- Regulation (EC) No. 1907/2006 (REACH)
- Regulation (EU) 2020/878

SECTION 16 – OTHER INFORMATION

White Rose Otto Organic (Bulgaria) is a premium certified organic steam-distilled essential oil obtained from the flowers of *Rosa × damascena* cultivated in Bulgaria's renowned Rose Valley. It possesses an exceptionally rich floral profile characterised by fresh rose petals, honey, green nuances and soft spice. Owing to its outstanding complexity and natural elegance, it is one of the world's most valued perfumery materials and is widely used in fine fragrance, luxury cosmetics and natural perfumery.

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