



Single Distilled Rose Oil

**Common Name** : Rose Oil

**Batch Number** : AL/231

**Extraction Method** : Steam Distillation

**Origin** : Obtained from the Rose Petals (Iran)

TEST	Date	ACCEPTABLE VALUE	RESULT
Appearance	18 Aug.2019	Pale Yellow to Greenish Yellow, Clear	Green
Odor	18 Aug.2019	Rose Special	Rose Special
Freeze Point (0 C°)	18 Aug.2019	-	25-26
Wax (%)	18 Aug.2019	-	35.5
Citronellol (%)	18 Aug.2019	-	18.12
Nerol (%)	18 Aug.2019	-	2.00
Geraniol (%)	18 Aug.2019	-	6.53
Phenyl ethyl Alcohol (%)	18 Aug.2019	-	5.1

-The reported measurement uncertainty estimated regarding K=2 and confidence level of approximately 95%

-The test results are valid only in received sample cases

# Material Safety Data Sheet

## SECTION 1: Identification of the substance

1.1 Product Identifier: Rose oil

Chemical name: Rose, Rosa  
damascena, oil CAS: 8007-01-0

## SECTION 2: Hazards identification

Hazard Statements:

H315: Causes skin irritation.

H317: May cause an allergic skin  
reaction. H318: Causes serious eye  
damage.

H341: Suspected of causing genetic  
defects. H351: Suspected of causing  
cancer.

H411: Toxic to aquatic life with long lasting effects.

Precautionary Statements:

P201: Obtain special instructions before use.

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.

P501: Dispose of contents/container to an approved waste disposal plant.

## **SECTION 3: Composition/information on ingredients**

Based on GC analysis.

### **Section 4: First aid**

Eye contact: Flush with lot of water for at least 10 Min. contact physician if irritation continued

Inhalation: move to fresh air

Skin contact: Wash with soap and lot of water

### **SECTION 5: Firefighting measures**

5.1 Extinguishing media: Recommended: Foam or dry powder. For safety reasons do not use full water jet.

5.2 Special hazards arising from the substance or mixture: Not applicable.

5.3 Advice for firefighters: Closed containers may build up pressure at elevated temperatures. Avoid inhalation of fumes or vapors. Use appropriate respiratory protection. Prevent run-off from firefighting to enter drains or water

Courses

### **SECTION 6: Accidental release measures**

6.1 Personal precautions, protective equipment and emergency procedures: Do NOT smoke and do NOT expose the product to an open flame or to any other potential source of ignition. Wear appropriate gloves to prevent skin exposure. Avoid contact with skin and inhalation of its vapors or smoke. Maintain adequate ventilation in the working area after spilling.

6.2 Environmental precautions: Avoid contaminating the environment via the sewers or water sources.

6.3 Methods and material for containment and cleaning up: Cover with an inert, inorganic, non-combustible absorbent material (e.g. dry-lime,

sand, soda ash). Ventilate area and wash spill site after material pickup is complete. Dispose of in accordance with current laws and regulations. 6.4 Reference to other sections: See section 13

## **SECTION 7: Handling and storage**

Precautions for safe handling: Keep away from food, drink and animal feeding stuffs. Do not smoke. Avoid contact with skin and eyes. Handle in accordance with good industrial hygiene and safety practice.

7.1 Conditions for safe storage, including any incompatibilities: Keep the product in its original container well sealed, in a dry and ventilated area, away from potential sources of ignition and protected from light. Store in accordance with local/national regulations and follow the warnings on the label.

7.2 Specific end use(s): Not available

## **SECTION 8: Exposure controls/personal protection**

8.1 Control parameters Declaration of substances is not required.

8.2 Exposure controls

Personal protection equipment: Use personal protection equipment according to Directive 89/686/EEC.

Eye/Face protection: Chemical safety goggles are recommended. Wash contaminated goggles before reuse.

Respiratory Protection: Use personal breathing apparatus whenever deemed necessary.

Skin Protection: Avoid contact with skin. Compatible chemical-resistant gloves are recommended. Wash contaminated gloves before reuse.

## **SECTION 9: Physical and chemical properties**

Appearance: pale yellow

to green Odor: Floral

Optical rotation: -4.00 - -2.00 °

Refractive index: 1.453 - 1.464

(20 °C) Extraction method:

## Steam Distillation

### **SECTION 10: Stability and reactivity**

10.1 Reactivity: Not available.

10.2 Chemical stability: Stable under normal operating conditions.

10.3 Possibility of hazardous reactions: Hazardous Polymerization: It does not undergo any dangerous reactions under normal conditions. 10.4 Conditions to avoid: Avoid excessive heat, sparks or open flame

### **SECTION 11: Toxicological information**

11.1 Information on toxicological effects Toxicological effects: See also sections 2 and 3.

### **SECTION 12: Ecological information**

12.1 Acute aquatic toxicity: No data available.

12.2 Persistence and degradability: Not available.

12.3 Bio concentration Factor: No determined

12.4 Mobility in soil: Not available.

### **SECTION 13: Disposal considerations**

13.1 Waste treatment methods Container disposal: Do not reuse empty containers.

Disposal conditions: Dispose of in accordance with all state and local environmental regulations. This material and its container must be disposed of in a safe way.

### **SECTION 14: Transport information**

International Carriage of Dangerous Goods by Road (ADR) UN No.: UN1993 Proper Shipping

Name: FLAMMABLE LIQUID, N.O.S. (Contains oil) Packing Group: III

Class: 3 Tunnel restriction code: (D/E)

Air Transport (ICAO/IATA) UN No.: UN1993 Proper Shipping Name:

FLAMMABLE LIQUID, N.O.S. (Contains oil) Packing

Group: III Class: 3

Sea Transport (IMDG) UN No.: UN1993 Proper Shipping Name: FLAMMABLE LIQUID, N.O.S. (Contains oil) Packing Group: III Class: 3 EmS: F-E, S-E Marine Pollutant: No

## **SECTION 15: Regulatory information**

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture: Substances are either included in EINECS, ELINCS, NLP inventories or exempt.

15.2 Chemical safety assessment: Not available.

## **SECTION 16: Other information**

This material should only be used for industrial purposes.

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