



BioProGreen

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1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

- **Product identification:** Rose geranium essential oil 100% pure and natural
- **Trade name:** Rose geranium essential oil
- **Use:** Industrial and professional
- **Company identification:** BioProGreenn
- contact@bioprogreen.com
- **In case of emergency: Call poison control and pharmacovigilance center 080-1000180**

• Product information :

- **Product name:** ESSENTIAL OIL rose geranium 100% pure and natural
- **Botanical name:** *Pelargonium graveolens*
- **Production method:** steam distillation of *Plelargonium graveolens* buds.

• Administrative status

Nom INCI	N° CE	N° CAS
	290-140-0	8000-46-2

2. HAZARDS IDENTIFICATION

- **Classification of substance or mixture according to Regulation (EC) N°1272/2008 [CLP] :**

Aspiration hazard Category 1 : (H304)

Hazardous to the aquatic environment - Chronic hazard Category 2 :(H411)

Labeling elements

- **Labeling according to Regulation (EC) No. 1272/2008 [CLP]**

Hazard pictograms (CLP)



GHS08 GHS09

Signal word (CLP): Danger

- **Hazard statements (CLP)**

H304 - May be fatal if swallowed and enters respiratory tract.

H411 - Toxic to aquatic organisms, may cause long-term adverse effects.

- **Precautionary statements (CLP)**

P273 - Avoid release to the environment.

P301+P310 - IF SWALLOWED: Call a POISON CENTER or doctor immediately.

P331 - DO NOT induce vomiting

P501 - Dispose of contents/container in suitable containers in accordance with local regulations other hazards

No further information available

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substance:

- **Name:** Rose geranium essential oil
- **CAS N°:** 8000-46-2
- **CE NO:** 290-140-0

4. FIRST AID MEASURES

Description of first aid measures:

- **Inhalation:** Fresh air, rest.

- **Skin contact:** Wash with plenty of water. Wash contaminated clothing before reuse. In case of skin irritation: Consult a physician. Specific treatment (see ... on this label). In case of skin irritation or rash

- **Eye contact:** Rinse with water for several minutes. Remove contact lenses if present and easily removable. Continue rinsing. If eye irritation persists, consult a physician.

- **Ingestion:** Rinse mouth, do not induce vomiting, and seek medical advice.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Foam, CO2, powders, sand.

Special hazards: Toxic decomposition products such as carbon monoxide in the event of combustion.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment: Avoid breathing vapours, use personal protective equipment.

- *For non-emergency personnel*

Emergency procedures: Keep unnecessary personnel away.

- *For first-aiders*

Protective equipment: Provide adequate protection for clean-up crews.

Emergency procedures: Ventilate area.

Environmental precautions

Avoid entry into sewers and drinking water. Notify authorities if liquid enters sewers or public waters. Avoid release into the environment.

Methods and equipment for containment and clean-up

Clean-up procedures: Absorb spillage as quickly as possible using inert solids such as clay or diatomaceous earth. Collect spilled product. Store away from other materials. **Reference to other sections**

7. HANDLING AND STORAGE

Precautions for safe handling: Avoid sparks and open flames, do not smoke.

Storage conditions: Store in a cool, well-ventilated place, away from light and heat. Here is a draft safety data sheet (SDS) for rose geranium essential oil, based on the **standard format for essential oils:**

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure controls:

Personal protective equipment: Avoid unnecessary exposure.

Hand protection: Wear protective gloves.

Eye protection: Splash goggles or safety glasses.

Skin and body protection: Wear suitable protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on essential physical and chemical properties

- **Physical state** : Liquid
- **Appearance** : Clear mobile liquid
- **Color** : yellow, amber, greenish
- **Odor** : Characteristic, sweet, woody
- **Olfactory threshold** : No data available
- **pH** : No data available
- **Relative evaporation rate :**
- **(Butyl acetate=1)** : No data available
- **Melting point** : No data available
- **Freezing point** : No data available
- **Boiling point** : 250°C
- **Flash point:** : 93°C
- **Auto-ignition temperature** : No data available
- **Decomposition temperature** : No data available
- **Flammability (solid, gas)** : Non-flammable
- **Vapour pressure** : No data available
- **Relative vapour density at 20°C** : No data available
- **Relative density** : 0.885 - 0.905
- **Solubility** : sparingly soluble in water, soluble in ethanol
- **Log Pow** : No data available
- **Viscosity** : No data available
- **Viscosity, dynamic** : No data available
- **Explosive properties** : No data available
- **Oxidizing properties** : No data available
- **-Explosion limits** : No data available
- **Other information** :Refractive index: 1.461 - 1.475

10. STABILITY AND REACTIVITY

Chemical stability: Stable under recommended storage conditions.

Materials to avoid: Strong acids, strong bases.

11. TOXICOLOGICAL INFORMATION

Skin corrosion/skin irritation: classified

May cause skin and eye irritation in some individuals.

Serious eye damage/eye irritation: Not classified

Based on available data, the classification criteria are not met.

Respiratory or skin sensitization: Not classified

Based on available data, the classification criteria are not met.

Germ cell mutagenicity: Not classified

Based on available data, the classification criteria are not met.

Carcinogenicity: Not classified

On the basis of available data, the classification criteria are not met.

Reproductive toxicity: Not classified

On the basis of available data, the classification criteria are not met.

Specific target organ toxicity (single exposure): Not classified

Based on available data, the classification criteria are not met.

Specific target organ toxicity (repeated exposure): Not classified

Based on available data, the classification criteria are not met.

Acute toxicity: Classified

Low oral and dermal toxicity.

12. ECOLOGICAL INFORMATION

Ecotoxicity: May be harmful to the aquatic environment.

13. DISPOSAL CONSIDERATIONS

Waste disposal methods: Dispose of in accordance with local regulations. Dispose of contents/container in appropriate containers according to local regulations.

Ecology - waste: Avoid discharge into the environment. Hazardous waste due to its toxicity.

14. TRANSPORT INFORMATION

- **UN number:** 3082
- **UN proper shipping name**

Proper shipping name (ADR):

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, liquid, n.o.s.

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

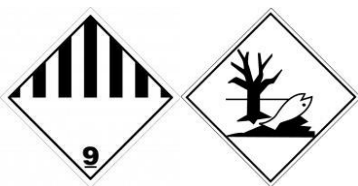
Transport document description (ADR):

UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., 9, III (E)

Transport hazard class (es)

Transport hazard class (es) (ADR): 9

Danger labels (ADR) : 9



- **Environmental hazards**

Dangerous for the environment: yes

Other information : No further information available

- **Special precautions to be taken by the user Land transport :**
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Classification code (ADR) : M6

Special provisions (ADR) : 274, 335, 601

Limited quantities (ADR) : 51

Excepted quantities (ADR) : E1

Vehicle for transport in tank: : AT

Transport category (ADR) : 3

Danger n° (Kemler code) : 90

Orange signs :



Tunnel restriction code (ADR): E

- Transport in bulk according to MARPOL 73/78 Annex II and IBC Code: Not applicable

15. REGULATORY INFORMATION

Specific regulations: Comply with local and international standards.

16. OTHER INFORMATION

- **-Data sources:** Data supplied by the manufacturer and technical literature. REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of December 16, 2008 on classification, labeling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Aquatic acute 1	Hazardous to the aquatic environment - Acute hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment - Chronic hazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment - Chronic hazard, Category 2
Asp. Tox. 1	Aspiration hazard, Category 1
H304	May be fatal if swallowed and enters respiratory tract
H411	Toxic to aquatic organisms, causing long-term adverse effects.