

Safety data sheet according to 1907/2006/EC, Article 31

Printing date 20.07.2011

Revision: 20.07.2011

1 Identification of the substance/mixture and of the company/undertaking

. **Product identifier**

. **Trade name:** GERANIUM ROSE

. **Relevant identified uses of the substance or mixture and uses advised against**

. **Application of the substance / the preparation** Multi uses

. **Details of the supplier of the safety data sheet**

. **Manufacturer/Supplier:**

Ancient Wisdom Marketing Ltd

Block B,

Parkwood Business Park

75 Parkwood Road

Sheffield,

S3 8AL.

UK

Tel - +44 (0) 114 2729165

2 Hazards identification

. **Classification of the substance or mixture**

. **Classification according to Regulation (EC) No 1272/2008**



GHS05 corrosion

Eye Dam. 1 H318 Causes serious eye damage.



GHS09 environment

Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects.



GHS07

Skin Irrit. 2 H315 Causes skin irritation.

Skin Sens. 1 H317 May cause an allergic skin reaction.

. **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**



Xi; Irritant

R38-41: Irritating to skin. Risk of serious damage to eyes.



Xi; Sensitising

R43: May cause sensitisation by skin contact.



N; Dangerous for the environment

R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

. **Information concerning particular hazards for human and environment:**

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

. **Classification system:**

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

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. Label elements

. Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

. Hazard pictograms



GHS05 GHS07 GHS09

. Signal word Danger

. Hazard-determining components of labelling:

Geraniol

Citronellol

. Hazard statements

H315 Causes skin irritation.

H318 Causes serious eye damage.

H317 May cause an allergic skin reaction.

H411 Toxic to aquatic life with long lasting effects.

. Precautionary statements

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

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 or doctor/physician.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

. Other hazards

. Results of PBT and vPvB assessment

. PBT: Not applicable.

. vPvB: Not applicable.

3 Composition/information on ingredients

. Chemical characterization: Mixtures

. Description: NCS (UVCB) Constituents Information

. hazardous components:

CAS: 106-22-9 EINECS: 203-375-0	Citronellol ☒ Xi R38; ☒ Xi R43; ☒ N R51/53 ☒ Aquatic Chronic 2, H411; ☒ Skin Irrit. 2, H315; Skin Sens. 1, H317	25-50%
CAS: 106-24-1 EINECS: 203-377-1	Geraniol ☒ Xi R38-41; ☒ Xi R43 ☒ Eye Dam. 1, H318; ☒ Skin Irrit. 2, H315; Skin Sens. 1, H317	10-25%
CAS: 78-70-6 EINECS: 201-134-4	Linalool ☒ Xi R38 ☒ Skin Irrit. 2, H315	10-25%

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CAS: 491-07-6 EINECS: 207-727-4	isomenthone R52/53 Aquatic Chronic 3, H412	≤ 2.5%
CAS: 105-87-3 EINECS: 203-341-5	acétate de géranyle N R51/53 Aquatic Chronic 2, H411	≤ 2.5%
CAS: 80-56-8 EINECS: 201-291-9	pin-2(3)-ene Xn R65; Xi R43; N R50/53 R10 Flam. Liq. 3, H226; Asp. Tox. 1, H304; Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Skin Sens. 1, H317	≤ 2.5%
CAS: 150-84-5 EINECS: 205-775-0	citronellyl acetate Xi R38; N R51/53 Aquatic Chronic 2, H411; Skin Irrit. 2, H315; Eye Irrit. 2, H319	≤ 2.5%

. Additional information: For the wording of the listed risk phrases refer to section 16.

4 First aid measures

. Description of first aid measures

. After inhalation:

Supply fresh air and to be sure call for a doctor.

In case of unconsciousness place patient stably in side position for transportation.

Supply fresh air.

. After skin contact:

Immediately wash with water and soap and rinse thoroughly.

Immediately rinse with water.

If skin irritation continues, consult a doctor.

. After eye contact: Rinse opened eye for several minutes under running water. Then consult a doctor.

. After swallowing: Inform doctor. Do not give milk or fatty oils.

. Information for doctor:

. Most important symptoms and effects, both acute and delayed No further relevant information available.

. Indication of any immediate medical attention and special treatment needed

No further relevant information available.

5 Firefighting measures

. Extinguishing media

. Suitable extinguishing agents: CO₂, powder, foam

. For safety reasons unsuitable extinguishing agents: Water with full jet

. Special hazards arising from the substance or mixture Carbon monoxide (CO)

. Advice for firefighters

. Protective equipment: No special measures required.

6 Accidental release measures

. Personal precautions, protective equipment and emergency procedures Not required.

. Environmental precautions:

Inform respective authorities in case of seepage into water course or sewage system.

. Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

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Ensure adequate ventilation.

Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

7 Handling and storage

Handling:

Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of aerosols.

Information about fire - and explosion protection: No special measures required.

Conditions for safe storage, including any incompatibilities

Storage:

Requirements to be met by storerooms and receptacles: Store only in unopened original receptacles.

Information about storage in one common storage facility: Not required.

Further information about storage conditions: Store in the dark.

Specific end use(s) No further relevant information available.

8 Exposure controls/personal protection

Additional information about design of technical facilities: No further data; see item 7.

Control parameters

Ingredients with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Additional information: The lists valid during the making were used as basis.

Exposure controls

Personal protective equipment:

General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Avoid contact with the skin.

Avoid contact with the eyes and skin.

Respiratory protection: Not required.

Protection of hands:



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the

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application.

. Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

. Eye protection:



Tightly sealed goggles

9 Physical and chemical properties

. Information on basic physical and chemical properties

. General Information

. Appearance:

Form:	Liquid
Colour:	According to product specification
Odour:	Characteristic

. Change in condition

Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	Undetermined.

. Flash point (Pensky Martens DIN 51 758 method): 64°C

. Flammability (solid, gaseous): Not applicable.

. Ignition temperature:

Decomposition temperature: Not determined.

. Self-igniting: Product is not selfigniting.

. Danger of explosion: Product does not present an explosion hazard.

. Density: Not determined.

. Evaporation rate Not determined.

. Solubility in / Miscibility with water:

Not miscible or difficult to mix.

. Other information

No further relevant information available.

10 Stability and reactivity

. Reactivity

. Chemical stability

. Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

. Possibility of hazardous reactions No dangerous reactions known.

. Conditions to avoid No further relevant information available.

. Incompatible materials: No further relevant information available.

. Hazardous decomposition products: No dangerous decomposition products known.

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11 Toxicological information

- . **Information on toxicological effects**
- . **Acute toxicity:**
- . **Primary irritant effect:**
 - . **on the skin:** Irritant to skin and mucous membranes.
 - . **on the eye:** Strong irritant with the danger of severe eye injury.
- . **Sensitization:** Sensitization possible through skin contact.
- . **Additional toxicological information:**
The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:
Irritant

12 Ecological information

- . **Toxicity**
- . **Aquatic toxicity:** No further relevant information available.
- . **Persistence and degradability** No further relevant information available.
- . **Behaviour in environmental systems:**
- . **Bioaccumulative potential** No further relevant information available.
- . **Mobility in soil** No further relevant information available.
- . **Ecotoxicological effects:**
- . **Remark:** Toxic for fish
- . **Additional ecological information:**
- . **General notes:**
Also poisonous for fish and plankton in water bodies.
Toxic for aquatic organisms
- . **Results of PBT and vPvB assessment**
- . **PBT:** Not applicable.
- . **vPvB:** Not applicable.
- . **Other adverse effects** No further relevant information available.

13 Disposal considerations

- . **Waste treatment methods**
- . **Recommendation**
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- . **Uncleaned packaging:**
- . **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

- | | |
|----------------------------------|---|
| . UN-Number | UN3082 |
| . ADR, IMDG, IATA | UN3082 |
| . ADN | Void |
| . UN proper shipping name | 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, |
| . ADR | LIQUID, N.O.S. (Cironellol) |

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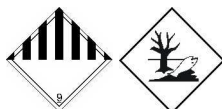
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. **ADN** *Void*
 . **IMDG** *ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Citronellol, acétate de géranyle)*
 . **IATA** *ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Citronellol)*

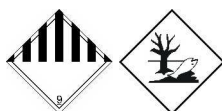
. **Transport hazard class(es)**

. **ADR**



. **Class** *9 (M6) Miscellaneous dangerous substances and articles.*
 . **Label** *9*
 . **ADN/R Class:** *Void*

. **IMDG, IATA**



. **Class** *9 Miscellaneous dangerous substances and articles.*
 . **Label** *9*

. **Packing group**

. **ADR, IMDG, IATA** *III*

. **Environmental hazards:** *Product contains environmentally hazardous substances: pin-2(3)-ene, Citronellol*

. **Marine pollutant:** *Yes*
Symbol (fish and tree)

. **Special marking (ADR):** *Symbol (fish and tree)*

. **Special marking (IATA):** *Symbol (fish and tree)*

. **Special precautions for user** *Warning: Miscellaneous dangerous substances and articles.*

. **Danger code (Kemler):** *90*

. **EMS Number:** *F-A,S-F*

. **Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** *Not applicable.*

. **Transport/Additional information:**

. **ADR**

. **Tunnel restriction code** *E*

. **UN "Model Regulation":** *UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Citronellol), 9, III*

15 Regulatory information

. **Chemical safety assessment:** *A Chemical Safety Assessment has not been carried out.*

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16 Other information

Relevant phrases

- H226 Flammable liquid and vapour.
- H304 May be fatal if swallowed and enters airways.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H318 Causes serious eye damage.
- H319 Causes serious eye irritation.
- H400 Very toxic to aquatic life.
- H410 Very toxic to aquatic life with long lasting effects.
- H411 Toxic to aquatic life with long lasting effects.
- H412 Harmful to aquatic life with long lasting effects.
- R10 Flammable.
- R38 Irritating to skin.
- R41 Risk of serious damage to eyes.
- R43 May cause sensitisation by skin contact.
- R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- R65 Harmful: may cause lung damage if swallowed.

Department issuing MSDS: Department Essentials Oils

Abbreviations and acronyms:

- ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
- RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
- IMDG: International Maritime Code for Dangerous Goods
- IATA: International Air Transport Association
- ICAO: International Civil Aviation Organization
- GHS: Globally Harmonized System of Classification and Labelling of Chemicals

* Data compared to the previous version altered.