

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 31.01.2011

Revision: 31.01.2011

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

- . **Product identifier**
- . **Trade name:** CEDARWOOD OIL VIRGINIANA
- . **Article number:** 2029
- . **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:**
Butterbur and Sage Ltd, Aroma House .
3-5 Cremyll Road, Reading, Berkshire, RG1 8NQ. U.K
TEL : + 44 (0) 1189 505100
FAX : + 44 (0) 1189 576300
e-mail : info@butterburandsage.com
- . **Further information obtainable from:** Department Essential Oils
- . **Emergency telephone number:** + 44 (0) 1189 505100

2 Hazards identification

- . **Classification of the substance or mixture**
- . **Classification according to Regulation (EC) No 1272/2008**



GHS08 health hazard

Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.



GHS09 environment

Aquatic Acute 1 H400 Very toxic to aquatic life.

Aquatic Chronic 1 H410 Very toxic to aquatic life with long lasting effects.

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



Xn; Harmful

R65: Harmful: may cause lung damage if swallowed.



N; Dangerous for the environment

R50/53: Very 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.

- . **Label elements**

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

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

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. Hazard pictograms

GHS08 GHS09

. Signal word *Danger***. Hazard-determining components of labelling:***alpha Cedrene**cis Thujopsene***. Hazard statements***H304 May be fatal if swallowed and enters airways.**H410 Very toxic to aquatic life with long lasting effects.***. Precautionary statements***P273 Avoid release to the environment.**P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.**P331 Do NOT induce vomiting.**P391 Collect spillage.**P405 Store locked up.**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: Substances**. CAS No. Description**

8000-27-9 cedarwood Virginia oil

. Identification number(s)**. EINECS Number:** 285-370-3**. Chemical characterization: Mixtures****. Description:** NCS (UVCB) Constituents Information**. hazardous components:**

CAS: 469-61-4 EINECS: 207-418-4	<i>alpha Cedrene</i> Xn R65; N R50/53 Asp. Tox. 1, H304; Aquatic Acute 1, H400; Aquatic Chronic 1, H410	25-50%
CAS: 77-53-2 EINECS: 201-035-6	<i>cedrol</i> N R51/53 Aquatic Chronic 2, H411	10-25%
CAS: 470-40-6	<i>cis Thujopsene</i> Xn R65 Asp. Tox. 1, H304	10-25%

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CAS: 546-28-1	<i>bêta Cedrene</i>  Xn R65  Asp. Tox. 1, H304	2.5-10%
CAS: 16982-00-6	<i>Cuparene</i>  Xn R65  Asp. Tox. 1, H304	2.5-10%

. 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.
- . **After skin contact:**
Immediately rinse with water.
If skin irritation continues, consult a doctor.
- . **After eye contact:** Rinse opened eye for several minutes under running water.
- . **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:**
Use fire extinguishing methods suitable to surrounding conditions.
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.
Do not allow to enter sewers/ surface or ground water.
- . **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to item 13.
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.

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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.
Wash hands before breaks and at the end of work.
- . **Respiratory protection:** Not required.
- . **Protection of hands:**
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 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:** Goggles recommended during refilling

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9 Physical and chemical properties

. Information on basic physical and chemical properties

. General Information

. Appearance:

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

. pH-value: Not determined.

. Change in condition

Melting point/Melting range: Undetermined.

. Flash point (Pensky Martens DIN 51 758 method): >100°C

. 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.

. Solubility in / Miscibility with water:

Not miscible or difficult to mix.

. Solvent content:

Organic solvents: 0.0 %

. 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.

11 Toxicological information

. Information on toxicological effects

. Acute toxicity:

. Primary irritant effect:

. on the skin: No irritant effect.

. on the eye: No irritating effect.

. Sensitization: No sensitizing effects known.

. 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:

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12 Ecological information

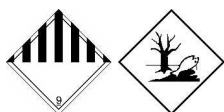
- . **Toxicity**
- . **Acquatic toxicity:** No further relevant information available.
- . **Persistence and degradability** No further relevant information available.
- . **Behaviour in environmental systems:**
- . **Bioaccumulative potential** No further relevant information available.
- . **Mobility in soil** No further relevant information available.
- . **Ecotoxicological effects:**
- . **Remark:** Very toxic for fish
- . **Additional ecological information:**
- . **General notes:**
Do not allow product to reach ground water, water course or sewage system, even in small quantities.
Also poisonous for fish and plankton in water bodies.
Very 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

- . **Land transport ADR/RID (cross-border)**



- . **ADR/RID class:** 9 (M6) Miscellaneous dangerous substances and articles.
- . **Danger code (Kemler):** 90
- . **UN-Number:** 3082
- . **Packaging group:** III
- . **Hazard label** 9
- . **Special marking:** Symbol (fish and tree)
- . **UN proper shipping name:** 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(cedarwood Virginia oil)
- . **Tunnel restriction code** E

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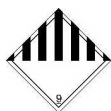
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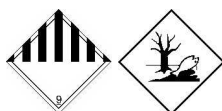
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. Maritime transport IMDG:

- . **IMDG Class:** 9
- . **UN Number:** 3082
- . **Label** 9
- . **Packaging group:** III
- . **EMS Number:** F-A,S-F
- . **Marine pollutant:** No
- . **Proper shipping name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(cedarwood Virginia oil)

. Air transport ICAO-TI and IATA-DGR:

- . **ICAO/IATA Class:** 9
- . **UN/ID Number:** 3082
- . **Label** 9
- . **Special marking:** Symbol (fish and tree)
- . **Packaging group:** III
- . **Proper shipping name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(cedarwood Virginia oil)

. UN "Model Regulation":

- UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., 9, III
- . **Special precautions for user** Warning: Miscellaneous dangerous substances and articles.
- . **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code** Not applicable.

* **15 Regulatory information**

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

* **16 Other information****. Relevant phrases**

- H304 May be fatal if swallowed and enters airways.
- 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.
- 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.
- R65 Harmful: may cause lung damage if swallowed.

- . **Department issuing MSDS:** Department Essentials Oils

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. 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

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organization

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

. Sources Sandy Sage / Technical Manager

. * Data compared to the previous version altered.

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