

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 15.04.2011

Revision: 15.04.2011

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

- . **Product identifier**
- . **Trade name:** SANDALWOOD OIL
- . **Article number:** 2127
- . **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**
.....
Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.
- . **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**
.....
R52/53: Harmful 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.
- . **Hazard pictograms** Void
- . **Signal word** Void
- . **Hazard-determining components of labelling:** Void
- . **Hazard statements**
H412 Harmful to aquatic life with long lasting effects.
- . **Precautionary statements**
P273 Avoid release to the environment.
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**
8006-87-9 Sandalwood oil

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- . Identification number(s) /
- . Chemical characterization: **Mixtures**
- . Description: NCS (UVCB) Constituents Information

. hazardous components:

CAS: 515-69-5	6-methyl-2-(4-methyl-3-cyclohexen-1-yl)-5-hepten-2-ol	2.5-10%
EINECS: 208-205-9	 N R51/53  Aquatic Chronic 2, H411	

- . 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).
- . 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.
- . **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:** 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

9 Physical and chemical properties

- . **Information on basic physical and chemical properties**
- . **General Information**
- . **Appearance:**
- Form: Liquid
- Colour: According to product specification
- . **Odour:** Characteristic

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. Odour threshold:	Not determined.
. pH-value:	Not determined.
. Change in condition Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	Undetermined.
. Flash point (Pensky Martens DIN 51 758 method):	142°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.
. 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.

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.

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:** Harmful to fish

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- . **Additional ecological information:**
- . **General notes:**
Do not allow product to reach ground water, water course or sewage system, even in small quantities.
Harmful to 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:** -
- . **Remarks:** not dangerous

- . **Inland shipping ADN:**
- . **Remarks:** not dangerous

- . **Maritime transport IMDG:**
- . **IMDG Class:** -
- . **Marine pollutant:** No
- . **Remarks:** not dangerous

- . **Air transport ICAO-TI and IATA-DGR:**
- . **ICAO/IATA Class:** -
- . **Remarks:** not dangerous

- . **UN "Model Regulation":** -
- . **Special precautions for user** Not applicable.
- . **Transport/Additional information:** Not dangerous according to the above specifications.
- . **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**
- H411 Toxic to aquatic life with long lasting effects.
- R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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. **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

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

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

. **Sourcess** Sandy Sage / Technical Manager

. * **Data compared to the previous version altered.**

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