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

Printing date 31.01.2011 *Revision: 31.01.2011*

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

. **Product identifier**

. **Trade name: PATCHOULI OIL**

. **Article number:2093**
. **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 505 100
FAX : + 44 (0) 1189 576 300
e-mail : info@butterburandsage.com

. **Further information obtainable from:** Department Essential Oils
. **Emergency telephone number:** + 44 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.

GHS07

Skin Irrit. 2 H315 Causes skin irritation.

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

Xn; Harmful

R65: Harmful: may cause lung damage if swallowed.

Xi; Irritant

R38: Irritating to skin.

. **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**

GHS07 GHS08

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. **Signal word** Danger

. **Hazard-determining components of labelling:**
guaiene
. **Hazard statements**
H315 Causes skin irritation.
H304 May be fatal if swallowed and enters airways.
. **Precautionary statements**
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P362 Take off contaminated clothing and wash before reuse.
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.

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3 Composition/information on ingredients

. **Chemical characterization: Substances**
. **CAS No. Description**
8014-09-3 Patchouli oil
. **Identification number(s)**
. **EINECS Number:** 282-493-4
. **Chemical characterization: Mixtures**
. **Description:** NCS (UVCB) Constituents Information

. **hazardous components:**		
CAS: 88-84-6 EINECS: 201-860-1	guaiene Xn R65; Xi R38 Asp. Tox. 1, H304; Skin Irrit. 2, H315	10-25%
CAS: 87-44-5 EINECS: 201-746-1	beta-caryophyllene Xn R65 Asp. Tox. 1, H304	2.5-10%

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

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4 First aid measures

. **Description of first aid measures**
. **After inhalation:**
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.
. **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.

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. ***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.*

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6 Accidental release measures

. ***Personal precautions, protective equipment and emergency procedures*** *Not required.*
. ***Environmental precautions:*** *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.

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. ***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 application.
. ***Penetration time of glove material***
The exact break trough 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*
. ***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):***	*116°C*
. ***Ignition temperature:***	
Decomposition temperature:	*Not determined.*
. ***Self-igniting:***	*Product is not selfigniting.*

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. ***Danger of explosion:***	*Product does not present an explosion hazard.*
. ***Density:***	*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:*** *Irritant to skin and mucous membranes.*
. ***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:
Irritant

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.*
. ***Additional ecological information:***
. ***General notes:***
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
. ***Results of PBT and vPvB assessment***
. ***PBT:*** *Not applicable.*
. ***vPvB:*** *Not applicable.*
. ***Other adverse effects*** *No further relevant information available.*

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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.*

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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.*

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16 Other information

. ***Relevant phrases***
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
R38 Irritating to skin.
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
IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)
ICAO: International Civil Aviation Organization

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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.***