	SAFETY DATA SHEET (According to Regulation (EC) No. 1907/2006 (REACH))	Version : SDS/2010/01 Date: 19/08/2013 Revision : Date: Page No. : Page 1 of 6
	EO0007 PATCHOULI OIL DARK	

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

1.1 Product Identifiers	Product Code : EO0007 Product Name : PATCHOULI OIL DARK CAS No. : 8014-09-3 Index No. : N/A CLP Reference No. : 02-2119667930-31-0000 REACH Pre-Registration No. : -- EC No. : 282-493-4 FEMA : 2838
1.2 Use	Use in Flavour / Food Application.
1.3 Company / Undertaking Identification	Ultra International B.V. Malledijk 3H, 3208 LA Spijkenisse, (Loods 12-15), Netherlands Tel : +3161 6915330 Fax : +91-120 - 437 4000 E-mail : ultraintl.nl@gmail.com * www.ultrainternational.com
1.4 Emergency Telephone	+91-9810008844

2. HAZARD IDENTIFICATION

2.1 Classification of the substance / preparation
 Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS classification]

<u>HAZARD CATEGORY</u>	<u>HAZARD STATEMENT</u>
Skin corrosion/irritation 3	H316 CAUSES MILD SKIN IRRITATION

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


Not Classified

2.2 Label Elements
 Label elements according to Regulation (EC) No. 1272/2008 (Substance)/Directive 67/548/EEC
Hazard Pictogram / Symbol :
 N/A

Signal word / Indication(s) of danger :
 WARNING

Hazard Pictogram / Symbol :
 N/A

Hazard Statements
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Precautionary Statements

P332+313 IF SKIN IRRITATION OCCURS: GET MEDICAL ADVICE/ATTENTION

3. COMPOSITION / INFORMATION OF INGREDIENTS

Substance Name : PATCHOULI OIL DARK
Substance Description : This product is 100% essential oil.
Hazardous components of labeling : N/A

CAS No. : 8014-09-3
EC No. : 282-493-4
Botanical Name : *Pogostemon cablin*
Stabilizers : N/A
Hazard Impurities : N/A
Synonyms : POGOSTEMON CABLIN OIL
 PATCHOULY OIL

Index No. : N/A
CLP Reference No. : 02-2119667930-31-0000
REACH Pre-Registration No. : --

4. FIRST AID MEASURES

4.1 Description of First Aid Measures

Eye Contact : Remove contact lenses if worn. Flush immediately with plenty of water.
Skin Contact : Remove contaminated clothing. Wash affected area with mild soap and water.
Inhalation : Remove affected person to fresh air. If discomfort persists, consult physician.
Swallowing : Seek immediate medical care.

4.2 Indication of any immediate medical attention and special treatment method

IF SWALLOWED: Immediately call a POISON CENTER or Doctor/Physician.
 IF ON SKIN (or hair) : Remove /take off immediately all contaminated clothing. Rinse skin with water /shower.

5. FIRE FIGHTING MEASURES

5.1 Extinguishing Media

- **Suitable** : Carbon Dioxide; Dry Chemical; Universal-Type Foam.
 - **Unsuitable** : Water spray; others not established.

5.2 Special hazards arising from substance

Combustible liquid Possibility of development of hazardous gases or vapors in event of fire Following may develop : CO and CO2

5.3 Advice for fire fighters

Do not stay in dangerous zone without self protective clothing and breathing apparatus Spray extinguishing media directly into base of fire Cool containers exposed to flame with water Prevent fire fighting water entering surface water or ground water.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, protective equipment and emergency procedures

Wear personal protective clothing. Keep away unprotected individuals. Eliminate source of ignition. Keep area well ventilated and isolate the spill.

6.2 Environmental precautions

Prevent entry into drains, ground/surface water or sewerage system.

6.3 Methods and material for containment and cleaning up

Pick up with absorbents material (Sand) or with pump for large spills.

6.4 Reference to other sections

Refer to Section 7, 8 & 13



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7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Measures to prevent fire

Keep away from heat/sparks/open flames/hot surfaces. - No smoking

Use explosion proof electrical/ ventilating/lighting/equipment etc.

Measures to prevent aerosols and dust generation

Ensure good ventilation at workplaces

Measures to protect the environment

Prevent entry into drains, ground/surface water or sewerage system.

General Occupational hygiene

Wear protective gloves/protective clothing/eye protection/face protection. Take off contaminated clothing and wash before reuse.

7.2 Conditions for safe use, including any incompatibilities

Information on storage conditions

Should be stored in cool, dark, dry, well ventilated places in full, tightly sealed containers protected from light & source of ignition

Information on packing materials

Should be packed in Aluminium, HDPE Food Grade Cans, MS Coated Drums, and GI Drums, Avoid long contact with Iron

Requirements for storage rooms and vessels

Should be stored in suitable containers (lines inside) e.g. MS Coated Drums, GI Drums etc. No special requirement for storage rooms.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure controls

8.1 Appropriate engineering controls

Engineering controls should be used as the primary means to control exposures

8.2 Personal protective equipments

Skin protection



Safety gloves

Eye protection



tight safety goggles

Body protection



Protective clothing

Respiratory protection



Dust mask

8.3 Environmental exposure controls

Prevent entry into drains, ground/surface water or sewerage system.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

-physical state

Liquid

-color

Brown to dark brown

Odour

Sweet, herbaceous, aromatic, spicy and woody balsamic

Odour Threshold

Medium

pH

N/A

Melting Point °C

N/A

Boiling Point °C

Not estimated

Flash Point (Closed Cup) °C

>93.33°C

Vapour Pressure

0.01 mm Hg @ 20°C

Vapour Density

N/A

Specific Gravity /Relative Density

0.950 - 0.975 @ 25°C

Refractive Index

1.505 - 1.515 @ 20 °C

Partition Coefficient

Not Estimated

Surface tension

Not Estimated

Solubility

Insoluble

-Water

-Alcohol

1:9 in 90% Alcohol

Optical Rotation

-65° to -48°

Viscosity

Not Estimated

Explosive properties

N/A

Explosive Limits



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-Lower Explosion Limit	N/A
-Upper Explosion Limit	N/A
Autoignition Temperature	N/A
Flammability	N/A
Granulometry	Not Estimated
Oxidising Properties	Not Estimated

10. STABILITY AND REACTIVITY

10.1 Reactivity

Not reactive, stable at room temperature.

10.2 Chemical stability

Stable

10.3 Possibility of hazardous reactions

Reactions with strong oxidizers

10.4 Conditions to avoid

No decomposition if stored and handled properly

10.5 Incompatible materials

Avoid strong acids strong bases and all oxidising agents

10.6 Hazardous decomposition products

No dangerous decomposition products expected by intended use

11. TOXICOLOGICAL INFORMATION

11.1 Acute toxicity oral (LD50)	>5 gm/kg
11.2 Acute toxicity inhalation	Not Determined
11.3 Acute toxicity dermal	>5 gm/kg
11.4 Skin Irritation/Corrosion	No Irritation
11.5 Respiratory sensitization	Non Sensitizing
11.6 CMR Effects	
Carcinogenicity	No
Mutagenicity	No
Toxic to reproduction	No
11.7 Eye Irritation / Corrosion	No Irritation
11.8 Exposure limits	There is a blanket recommendation of 10 mg/m3 for inspirable dusts or mists when limits have not otherwise been established.

12. ECOLOGICAL INFORMATION

12.1 Toxicity	
PNEC	: N/A
NOAEL	: N/A
EC50 (48hrs)	: N/A
12.2 Persistence and degradability	: Readily biodegradable in water
12.3 Mobility in Soil	: Low mobility
12.4 Results of PBT and vPvB assessment	N/A

13. DISPOSAL CONSIDERATION

13.1 Waste treatment methods

Product/packaging disposal

Handle in accordance with official provisions

Waste treatment options

Recycling is preferred to disposal or burning

Waste code /Waste designations according to EWC/AVV

15 02 02* absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by dangerous substances

13.2 Recommendations

Empty contaminated packing thoroughly as they may be recycled

Moistened solids to be disposed off adhering to necessary technical regulations after consulting concerned authorities



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14. TRANSPORT INFORMATION

14.1 Land Transport (ADR/RID/GGVSE) Not Regulated

UN Number : N/A
DG Class : N/A
Packing Group : N/A
Proper Shipping Name : N/A
Classification Code : N/A
Hazard Label(s) : N/A

14.2 Sea Transport (IMDG-Code/GGVSee) Not Regulated

UN Number : N/A
DG Class : N/A
Packing Group : N/A
Proper Shipping Name : N/A
Marine Pollutant : No
Hazard Label(s) : N/A

14.1 Air Transport (ICAO-IAT/DGR) Not Regulated

UN Number : N/A
DG Class : N/A
Packing Group : N/A
Proper Shipping Name : N/A

14.4 Special precautions for users

Wear protective gloves/protective clothing/eye protection/face protection. Take off contaminated clothing and wash before reuse Prevent entry into drains, ground/surface water or sewerage system.

14.5 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:

N/A

14.6 Other Information

Custom Tariff Code : 3301 29 3400
EmS Code : -

15. REGULATORY INFORMATION

EU regulations:

The product has been classified and labelled according to criteria provided in Directive 67/548/EEC and 1272/2008/EC, and following the recommendations of EFFA (European Flavor and Fragrance Association).

Other Regulations: German Regulation (VwVws)

Water Hazard Class : WGK 3


16. OTHER INFORMATION

16.1 Changes to previous version

Changes applicable according to regulation (EC) No 1907/2006 (REACH)

16.2 Abbreviations and acronyms

GHS : Globally Harmonized System of Classification and labeling of Chemicals
CAS : Chemical abstract Service (division of American Chemical society)
CLP : Classification, Labelling and Packaging
LD50 : Lethal concentration, 50 percent
EC50 : Effective concentration
PNEC : Predicted No Effect Concentration
NOAEL : No Observed Adverse Effect Levels
ADR : European Agreement concerning the International Carriage of Dangerous Goods by Road
RID : 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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16.3 Method of evaluating information referred to in Article 9 of Regulation (EC) No. 1272/2008 used for the purpose of classification

N/A

16.4 Wording of relevant hazard statement and/or precautionary statements referred to in section 2 to 15

Hazard Codes

N/A

Risk Phrases

Not Classified

Safety Phrases

No Safety Phrases

Hazard Statements

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16.5 Training advice appropriate for workers

N/A

16.6 Quality Declaration

The information contained herein is based on the present state of our knowledge. It characterizes the product with regards to the appropriate safety precaution. It does not represent a guarantee of the properties of the product.