SAFETY DATA SHEET
(According to Regulation (EC) No. 1907/2006 (REACH))

Version : SDS/2010/01
Date: 19/08/2013
Revision :

EO0007 PATCHOULI OIL DARK

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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

+91-9810098844

2. HAZARD IDENTIFICATION

2.1 Classification of the substance / preparation

Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS classification]

<table>
<thead>
<tr>
<th>HAZARD CATEGORY</th>
<th>HAZARD STATEMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin corrosion/irritation 3</td>
<td>H316</td>
</tr>
</tbody>
</table>

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

H316 CAUSES MILD SKIN IRRITATION
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EO0007 PATCHOULI OIL DARK

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
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
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
   Eye protection
   Body protection
   Respiratory protection
   
   Safety gloves
   tight safety goggles
   Protective clothing
   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
   -Water
   Insoluble
   -Alcohol
   1:9 in 90% Alcohol
   Optical Rotation
   -65° to -48°
   Viscosity
   Not Estimated
   Explosive properties
   Explosive Limits
   N/A
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)
Not Determined

11.2 Acute toxicity inhalation
>5 gm/kg

11.3 Acute toxicity dermal
>5 gm/kg

11.4 Skin Irritation/Corrosion
No irritation

11.5 Respiratory sensitisation
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
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

14.3 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
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

H316 CAUSES MILD SKIN IRRITATION

Precautionary Statements

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

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.