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

1.1 Product identifier

Trade Name: Patchouli Phthalate Free

1.2 Relevant identified product use

Intended use: Compound used in customer substance/mixture/product

1.3 Details of the manufacturer/supplier of the safety data sheet

Wellington Fragrance
33306 Glendale St.
Livonia, MI 48150 USA
734-261-5531 Fax 734-261-5571
wellingtonfragrance.com

1.4 Emergency telephone number

(800) 255-3924 Domestic USA, Canada, Puerto Rico, and US Virgin Islands
+1 813 248-0585 International (CHEMTEL #MIS 0000533)

2. Hazards Identification

2.1 Classification of the substance or mixture

This mixture has not been tested as a whole. The effects, listed below, are based on evaluation of individual components in accordance with the provisions of the regulation(s) noted below.

Classification according to GHS Regulation (EC) No 1272/2008

Aquatic Acute Toxicity, Category 1
Acute Toxicity Oral, Category 4 H302: Harmful if swallowed
Acute Toxicity Dermal, Category 5 H313: May be harmful in contact with skin
Skin Corrosion/Irritation, Category 3 H316: Causes mild skin irritation
Sensitization, Skin, Category 1B H317: May cause an allergic skin reaction
Acute Toxicity Inhalation, Category 5 H333: May be harmful if inhaled
Carcinogenicity, Category 1B H350: May cause cancer
Aquatic Chronic Toxicity, Category 2 H411: Toxic to aquatic life with long lasting effects

Classification OSHA (Provisions 1910.1200 of title 29)

Flammability Class IIIB Combustible Liquid
Acute Dermal/Eye 11 : May cause skin irritation.
16 : Causes eye irritation.
19 : May cause photo-induced skin irritation.
Acute Inhalation 23 : May cause respiratory tract irritation.
25 : Inhalation at high levels may cause: anesthesia.
Acute Oral 3 : May be harmful if swallowed.
Sensitization/Allergic Response 31 : May cause allergic skin reaction.
Target Organ Effects 26 : Prolonged or repeated ingestion may cause damage to: kidneys, liver, spleen, bone marrow, thyroid.
28 : Prolonged or repeated Dermal Exposure may cause damage to: kidneys, liver, bone marrow, skin
Carcinogenicity This mixture contains ingredients identified as carcinogens, at 0.1% or greater, by the following:None [X] ACGIH [] IARC [] NTP [] OSHA []
2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms

![Hazard pictograms]

Signal Word: Danger, Warning

Hazard statements

- **H302**: Harmful if swallowed
- **H313**: May be harmful in contact with skin
- **H316**: Causes mild skin irritation
- **H317**: May cause an allergic skin reaction
- **H333**: May be harmful if inhaled
- **H350**: May cause cancer
- **H411**: Toxic to aquatic life with long lasting effects

Precautionary Statements

**Prevention:**

- **P201**: Obtain special instructions before use
- **P202**: Do not handle until all safety precautions have been read and understood
- **P264**: Wash hands thoroughly after handling
- **P270**: Do not eat, drink or smoke when using this product
- **P272**: Contaminated work clothing should not be allowed out of the workplace
- **P273**: Avoid release to the environment
- **P281**: Use personal protective equipment as required

**Response:**

- **P301 + P312 + P330**: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell Rinse mouth
- **P302 + P352**: IF ON SKIN: Wash with soap and water
- **P304 + P312**: IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell
- **P308 + P313**: IF exposed or concerned: Get medical advice/attention
- **P333 + P313**: If skin irritation or a rash occurs: Get medical advice/attention
- **P363**: Wash contaminated clothing before reuse
- **P391**: Collect Spillage

2.3 Other Hazards

no data available

3. Composition/Information on Ingredients

3.1 Mixtures

This product is a complex mixture of ingredients, which contains among others the following substance(s), presenting a health or environmental hazard within the meaning of the UN Globally Harmonized System of Classification and Labeling of Chemicals (GHS):
### 4. First Aid Measures

#### 4.1 Description of first aid measures

- **Inhalation:** Remove from exposure site to fresh air and keep at rest. Obtain medical advice.
- **Eye Exposure:** Flush immediately with water for at least 15 minutes. Contact physician if symptoms persist.
- **Skin Exposure:** Remove contaminated clothes. Wash thoroughly with water (and soap). Contact physician if symptoms persist.
- **Ingestion:** Rinse mouth with water and obtain medical advice.

#### 4.2 Most important symptoms and effects, both acute and delayed

- **Symptoms:** no data available
- **Risks:** Refer to Section 2.2 "Hazard Statements"

#### 4.3 Indication of any immediate medical attention and special treatment needed

- **Treatment:** Refer to Section 2.2 "Response"

### 5. Fire-Fighting measures

#### 5.1 Extinguishing media

- **Suitable:** Carbon dioxide (CO2), Dry chemical, Foam
- **Unsuitable:** Do not use a direct water jet on burning material

#### 5.2 Special hazards arising from the substance or mixture

- **During fire fighting:** Water may be ineffective

#### 5.3 Advice for firefighters

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**CAS#** | **Ingredient** | **Conc. Range** | **GHS Classification** | **OSHA Classification**
--- | --- | --- | --- | ---
120-51-4 | Benzyl Benzoate | 60 - 70 % | H302; H313; H411 | 28, 3
8050-15-5 | Methyl ester of rosin (partially hydrogenated) | 10 - 20 % | H412 | 31
32210-23-4 | 4-tert-Butylcyclohexyl acetate | 5 - 10 % | H303; H316; H317; H411 | 11, 15
8014-09-3 | Pogostemon cablin oil | 5 - 10 % | H316 | |
100-51-6 | Benzyl Alcohol | 2 - 5 % | H302; H313; H319; H332 | 11, 15, 23, 25, 31
127-51-5 | a-Isomethyl ionone | 1 - 2 % | H315; H317; H320; H411 | 11, 15, 19, 26, 28, 31
32388-55-9 | Acetyl cedrene | 1 - 2 % | H316; H317; H410 | 16, 19
8015-91-6 | Cinnamomum Zeylanicum (Cinnamon Leaf Oil), ext. | 0.1 - 1.0 % | H227; H303; H313; H316; H319; H341; H350; H412 | 11, 15, 31

See Section 16 for full text of GHS classification codes

Total Hydrocarbon Content (% w/w) = 1.06
6. **Accidental Release Measures**

6.1 **Personal precautions, protective equipment and emergency procedures**

Avoid inhalation and contact with skin and eyes. A self-contained breathing apparatus is recommended in case of a major spill.

6.2 **Environmental precautions**

Keep away from drains, soil, and surface and groundwater.

6.3 **Methods and materials for containment and cleaning up**

Clean up spillage promptly. Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapors. Gross spillages should be contained by use of sand or inert powder and disposed of according to the local regulations.

6.4 **Reference to other sections**

Not Applicable

7. **Handling and Storage**

7.1 **Precautions for safe handling**

Apply according to good manufacturing and industrial hygiene practices with proper ventilation. Do not drink, eat or smoke while handling. Respect good personal hygiene.

7.2 **Conditions for safe storage, including any incompatibilities**

Store in a cool, dry and ventilated area away from heat sources and protected from light in tightly closed original container. Avoid plastic and uncoated metal container. Keep air contact to a minimum.

7.3 **Specific end uses**

No information available

8. **Exposure Controls/Personal Protection**

8.1 **Control parameters**

- **Exposure Limits:** Contains no substances with occupational exposure limit values
- **Engineering Controls:** Use local exhaust as needed.

8.2 **Exposure controls - Personal protective equipment**

- **Eye protection:** Tightly sealed goggles, face shield, or safety glasses with brow guards and side shields, etc. as may be appropriate for the exposure
- **Respiratory protection:** Avoid excessive inhalation of concentrated vapors. Apply local ventilation where appropriate.
- **Skin protection:** Avoid Skin contact. Use chemically resistant gloves as needed.

9. **Physical and Chemical Properties**

9.1 **Information on basic physical and chemical properties**

- **Appearance:** Conforms to Standard
- **Odor:** Conforms to Standard
- **Color:** Yellow
- **Viscosity:** Liquid
10. Stability and Reactivity

10.1 Reactivity
None

10.2 Chemical stability
Stable

10.3 Possibility of hazardous reactions
None known

10.4 Conditions to avoid
None known

10.5 Incompatible materials
Strong oxidizing agents, strong acids, and alkalis

10.6 Hazardous decomposition products
None known

11. Toxicological Information

11.1 Toxicological Effects

Acute toxicity - Oral (LD50: 1,874.30) Harmful if swallowed
Acute toxicity - Dermal (LD50: 4,178.57) May be harmful in contact with skin
Acute toxicity - Inhalation (LC50: 68.02) May be harmful if inhaled
Skin corrosion / irritation Causes mild skin irritation
Serious eye damage / irritation Not classified - the classification criteria are not met
Respiratory sensitization Not classified - the classification criteria are not met
Skin sensitization May cause an allergic skin reaction
Germ cell mutagenicity Not classified - the classification criteria are not met
Carcinogenicity May cause cancer
Reproductive toxicity Not classified - the classification criteria are not met
Specific target organ toxicity - single exposure Not classified - the classification criteria are not met
Specific target organ toxicity - repeated exposure Not classified - the classification criteria are not met
Aspiration hazard Not classified - the classification criteria are not met
12. Ecological Information

12.1 Toxicity

Acute aquatic toxicity
Chronic aquatic toxicity
Toxic to aquatic life with long lasting effects
Toxicity Data on soil
no data available
Toxicity on other organisms
no data available

12.2 Persistence and degradability
no data available

12.3 Bioaccumulative potential
no data available

12.4 Mobility in soil
no data available

12.5 Other adverse effects
no data available

13. Disposal Conditions

13.1 Waste treatment methods
Do not allow product to reach sewage systems. Dispose of in accordance with all local and national regulations. Send to a licensed waste management company. The product should not be allowed to enter drains, water courses or the soil. Do not contaminate ponds, waterways or ditches with chemical or used container.

14. Transport Information

Regulator	Class	Pack Group	Sub Risk	UN-nr.
U.S. DOT (Non-Bulk)	Not Regulated - Not Dangerous Goods
Chemicals NOI

ADR/RID (International Road/Rail)
Environmentally Hazardous Substance, n.o.s.	9	III	UN3082

IATA (Air Cargo)
Environmentally Hazardous Substance, n.o.s.	9	III	UN3082

IMDG (Sea)
Environmentally Hazardous Substance, n.o.s.	9	III	UN3082

15. Regulatory Information

U.S. Federal Regulations:

TSCA (Toxic Substance Control Act): All components of the substance/mixture are listed or exempt
40 CFR(EPCRA, SARA, CERCLA and CAA) This product contains NO components of concern.

U.S. State Regulations:

California Proposition 65 Warning
This product contains the following components:

<table>
<thead>
<tr>
<th>Component Code</th>
<th>Limit</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>94-59-7</td>
<td>&lt;= 12 ppm</td>
<td>Safrole (NFS)</td>
</tr>
<tr>
<td>93-15-2</td>
<td>&lt;= 1 ppm</td>
<td>Methyl eugenol (NFS)</td>
</tr>
</tbody>
</table>
16. Other Information

GHS H-Statements referred to under section 3

- H227 : Combustible liquid
- H303 : May be harmful if swallowed
- H315 : Causes skin irritation
- H317 : May cause an allergic skin reaction
- H320 : Causes eye irritation
- H341 : Suspected of causing genetic defects
- H410 : Very toxic to aquatic life with long lasting effects
- H412 : Harmful to aquatic life with long lasting effects

- H302 : Harmful if swallowed
- H313 : May be harmful in contact with skin
- H316 : Causes mild skin irritation
- H319 : Causes serious eye irritation
- H317 : May be harmful if inhaled
- H322 : Causes skin irritation
- H350 : May cause cancer
- H351 : Skin corrosion/irritation
- H319 : Causes serious eye irritation

Total Fractional Values

- (2.79) Aquatic Acute Toxicity, Category 1
- (8.30) Sensitization, Skin, Category 1B
- (4.18) Aquatic Chronic Toxicity, Category 2

- (1.96) Skin Corrosion/Irritation, Category 3
- (1.00) Carcinogenicity, Category 1B

Department issuing data sheet:

Remarks

This safety data sheet is based on the properties of the material known to Wellington Fragrance at the time the data sheet was issued. The safety data sheet is intended to provide information for a health and safety assessment of the material and the circumstances, under which it is packaged, stored or applied in the workplace. For such a safety assessment Wellington holds no responsibility. This document is not intended for quality assurance purposes.