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

1.1 Product identifier

Trade Name: Potpourri Spice Fragrance Oil

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

Supplier: Natures Garden Fragrances
42109 State Route 18
Wellington, OH  44090
PHONE: 440-647-0100  FAX: 440-647-0220
http://www.naturesgardencandles.com
Department E-mail address: info@naturesgardencandles.com

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

Acute Toxicity Oral, Category 5  H303: May be harmful if swallowed
Aspiration Hazard, Category 1  H304: May be fatal if swallowed and enters airways
Acute Toxicity Dermal, Category 4  H312: Harmful in contact with skin
Skin Corrosion/Irritation, Category 2  H315: Causes skin irritation
Sensitization, Skin, Category 1A  H317: May cause an allergic skin reaction
Eye Damage/Irritation, Category 2A  H319: Causes serious eye irritation
Acute Toxicity Inhalation, Category 5  H333: May be harmful if inhaled
Germ Cell Mutagenicity, Category 2  H341: Suspected of causing genetic defects
Carcinogenicity, Category 1B  H350: May cause cancer
Aquatic Chronic Toxicity, Category 2  H411: Toxic to aquatic life with long lasting effects

Classification EU (67/548/EEC, 199/45/EC)

N  Dangerous for the Environment
   R51/53 : Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
T  Toxic
   Carc Cat 2 : Category 2 Carcinogen
   R45 : May cause cancer
Xi  Irritant
   R36 : Irritating to eyes
   R38 : Irritating to skin
   R43 : May cause sensitization by skin contact
Xn  Harmful
   Muta Cat 3 : Category 3 Mutagen
2.2 Label elements

Labeling (REGULATION (EC) No 1272/2008)

Hazard pictograms

Signal Word: Danger

Hazard statements

H303 May be harmful if swallowed
H304 May be fatal if swallowed and enters airways
H312 Harmful in contact with skin
H315 Causes skin irritation
H317 May cause an allergic skin reaction
H319 Causes serious eye irritation
H333 May be harmful if inhaled
H341 Suspected of causing genetic defects
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
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 + P310 + P331 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician Do NOT induce vomiting
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
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes Remove contact lenses if present and easy to do. Continue rinsing
P308 + P313 IF exposed or concerned: Get medical advice/attention
P312 Call a POISON CENTER or doctor/physician if you feel unwell
P313 Get medical advice/attention
P333 + P313 If skin irritation or a rash occurs: Get medical advice/attention
P337 + P313 If eye irritation persists: Get medical advice/attention
P362 Take off contaminated clothing and wash before reuse
P363 Wash contaminated clothing before reuse
P391 Collect Spillage

2.3 Other Hazards
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):

<table>
<thead>
<tr>
<th>CAS#</th>
<th>EC#</th>
<th>Conc. Range</th>
<th>GHS Classification</th>
<th>EU Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>104-55-2</td>
<td>203-213-9</td>
<td>40 - 50 %</td>
<td>H303; H312; H315; H317; H319; H401</td>
<td>Xi - R38, R43; Xn - R21</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Xi - R36, R43; Xn - R65</td>
<td></td>
</tr>
<tr>
<td>120-51-4</td>
<td>204-402-9</td>
<td>10 - 20 %</td>
<td>H302; H313; H400; H411</td>
<td>N - R51/53; Xn - R22</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8000-34-8</td>
<td>284-638-7</td>
<td>10 - 20 %</td>
<td>H303; H304; H313; H316; H319; H401</td>
<td>Xi - R36, R43; Xn - R65</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8050-15-5</td>
<td>232-476-2</td>
<td>5 - 10 %</td>
<td>H402; H412</td>
<td>R52/53</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8015-91-6</td>
<td>283-479-0</td>
<td>2 - 5 %</td>
<td>H227; H303; H313; H316; H319; H341; H401; H412</td>
<td>R52/53; T - Carc Cat 2, R45; Xi - R36, R43; Xn - Muta Cat 3, R68</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>68917-29-3</td>
<td>284-638-7</td>
<td>2 - 5 %</td>
<td>H304</td>
<td>Xn - R65</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>68647-72-3</td>
<td>232-433-8</td>
<td>1 - 2 %</td>
<td>H226; H304; H315; H317; H400; H410</td>
<td>R10; N - R50/53; Xi - R38, R43; Xn - R65</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>91-64-5</td>
<td>202-086-7</td>
<td>1 - 2 %</td>
<td>H302; H317; H402</td>
<td>Xi - R43; Xn - R22</td>
</tr>
</tbody>
</table>

See Section 16 for full text of GHS classification codes

Total Hydrocarbon Content (% w/w) = 1.76

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

Further information: Standard procedure for chemical fires

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

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Conforms to Standard</td>
</tr>
<tr>
<td>Odor</td>
<td>Conforms to Standard</td>
</tr>
<tr>
<td>Color</td>
<td>Pale Orange (G8)</td>
</tr>
<tr>
<td>Viscosity</td>
<td>Liquid</td>
</tr>
<tr>
<td>Freezing Point</td>
<td>Not determined</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>Not determined</td>
</tr>
<tr>
<td>Melting Point</td>
<td>Not determined</td>
</tr>
<tr>
<td>Flashpoint</td>
<td>&gt;200°F (93.33°C)</td>
</tr>
<tr>
<td>Auto flammability</td>
<td>Not determined</td>
</tr>
<tr>
<td>Explosive Properties</td>
<td>None Expected</td>
</tr>
<tr>
<td>Oxidizing properties</td>
<td>None Expected</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>0.0311</td>
</tr>
<tr>
<td>%VOC</td>
<td>1.7308</td>
</tr>
<tr>
<td>Specific Gravity @ 25°C</td>
<td>1.0500</td>
</tr>
<tr>
<td>Density @ 25°C</td>
<td>1.0470</td>
</tr>
<tr>
<td>Refractive Index @ 20°C</td>
<td>1.5730</td>
</tr>
<tr>
<td>Soluble in</td>
<td>Oil</td>
</tr>
</tbody>
</table>

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 Estimates (ATEs) based on the individual Ingredient Toxicity Data utilizing the “Additivity Formula”

<table>
<thead>
<tr>
<th>Effect</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity - Oral - mg/kg</td>
<td>(LD50: 2,247.19) May be harmful if swallowed</td>
</tr>
<tr>
<td>Acute toxicity - Dermal - mg/kg</td>
<td>(LD50: 1,772.08) Harmful in contact with skin</td>
</tr>
<tr>
<td>Acute toxicity - Inhalation - mg/L/4hr</td>
<td>(LC50: 24.62) May be harmful if inhaled</td>
</tr>
<tr>
<td>Skin corrosion / irritation</td>
<td>Causes skin irritation</td>
</tr>
<tr>
<td>Serious eye damage / irritation</td>
<td>Causes serious eye irritation</td>
</tr>
<tr>
<td>Respiratory sensitization</td>
<td>Not classified - the classification criteria are not met</td>
</tr>
</tbody>
</table>
Safety Data Sheet

Product: **Potpourri Spice Fragrance Oil**

Skin sensitization: May cause an allergic skin reaction
Germ cell mutagenicity: Suspected of causing genetic defects
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: May be fatal if swallowed and enters airways

12. Ecological Information

12.1 Toxicity

- **Acute aquatic toxicity**: Not classified - the classification criteria are not met
- **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

<table>
<thead>
<tr>
<th>Regulator</th>
<th>Class</th>
<th>Pack Group</th>
<th>Sub Risk</th>
<th>UN-nr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>U.S. DOT (Non-Bulk)</td>
<td>Not Regulated - Not Dangerous Goods</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chemicals NOI</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ADR/RID (International Road/Rail)</td>
<td>Substance,</td>
<td>9</td>
<td>III</td>
<td>UN3082</td>
</tr>
<tr>
<td>Environmentally Hazardous Liquid, n.o.s.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>IATA (Air Cargo)</td>
<td>Substance,</td>
<td>9</td>
<td>III</td>
<td>UN3082</td>
</tr>
<tr>
<td>Environmentally Hazardous Liquid, n.o.s.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>IMDG (Sea)</td>
<td>Substance,</td>
<td>9</td>
<td>III</td>
<td>UN3082</td>
</tr>
<tr>
<td>Environmentally Hazardous Liquid, n.o.s.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
15. Regulatory Information

Additional European Regulations:

European Union (EINECS, ELINCS or NLP): 100.00% (by Wt) of the components are listed or exempt.

Additional Asian Regulations:

- Australian AICS: 100.00% (by Wt) of the ingredients on AICS or notified.
- Chinese IECS: 100.00% (by Wt) of the ingredients on IECS.
- Japan ENCS: 97.52% (by Wt) of the ingredients on ENCS, fall within the 1000 kilogram per annum exemption or have been notified.
- Korea KECL: 99.95% (by Wt) of the ingredients on KECL, fall within the 100 kilogram per annum exemption or have been notified.
- New Zealand NZIoC: 100.00% (by Wt) of the ingredients on NZIoC.
- Philippines PICCS: 100.00% (by Wt) of the ingredients on PICCS.

The Status of the following ingredient(s) is NOT known for the registration lists noted:

Lists noted within <> brackets after name
- 93-51-6
- 202-252-9
- 0.01 - 0.1%
- 2-Methoxy-4-methylphenol (Creosol) : < KECL>

16. Other Information

GHS H-Statements referred to under section 3

<table>
<thead>
<tr>
<th>Total Fractional Values</th>
<th>TFV</th>
<th>Risk</th>
</tr>
</thead>
<tbody>
<tr>
<td>(2.33) Aspiration Hazard, Category 1</td>
<td>(2.33)</td>
<td></td>
</tr>
<tr>
<td>(415.77) Sensitization, Skin, Category 1A</td>
<td>(415.77)</td>
<td></td>
</tr>
<tr>
<td>(4.82) Germ Cell Mutagenicity, Category 2</td>
<td>(4.82)</td>
<td></td>
</tr>
<tr>
<td>(1.61) Aquatic Chronic Toxicity, Category 2</td>
<td>(1.61)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>(TFV)</th>
<th>Risk</th>
</tr>
</thead>
<tbody>
<tr>
<td>(4.39)</td>
<td>Skin Corrosion/Irritation, Category 2</td>
</tr>
<tr>
<td>(6.46)</td>
<td>Eye Damage/Eye Irritation, Category 2A</td>
</tr>
<tr>
<td>(48.19)</td>
<td>Carcinogenicity, Category 1B</td>
</tr>
</tbody>
</table>

Department E-mail address: info@naturesgardencandles.com

Remarks

This safety data sheet is based on the properties of the material known to Natures Garden Fragrances™ 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 Natures Garden Fragrances™ holds no responsibility. This document is not intended for quality assurance purposes.