Section 1. Product and Company Identification

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Myristicin</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product ID</td>
<td>M9368</td>
</tr>
<tr>
<td>Chemical Name</td>
<td>5-Allyl-1-methoxy-2,3-(methylenedioxy)benzene</td>
</tr>
<tr>
<td>Chemical Name (Synonyms)</td>
<td></td>
</tr>
<tr>
<td>Supplier</td>
<td>LKT Laboratories, Inc</td>
</tr>
<tr>
<td></td>
<td>545 Phalen Blvd.</td>
</tr>
<tr>
<td></td>
<td>St. Paul, MN 55130 USA</td>
</tr>
<tr>
<td></td>
<td>Ph: 651-644-8424 Fax: 651-644-8357 <a href="http://www.lktlabs.com">www.lktlabs.com</a> - <a href="mailto:getinfo@lktlabs.com">getinfo@lktlabs.com</a></td>
</tr>
<tr>
<td>Emergency Phone #</td>
<td>1-800-424-9300</td>
</tr>
</tbody>
</table>

Section 2. Hazards Identification

GHS Classification
- Reproductive toxicity (Category 2)
- Acute aquatic toxicity (Category 2)
- Chronic aquatic toxicity (Category 2)

GHS Label elements including precautionary statements

**Pictogram**
- Warning

**Signal word**
- Warning

**Hazard and precautionary statements**
- **Hazard statements**
  - H361 - Suspected of damaging fertility or the unborn child
  - H411 - Toxic to aquatic life with long lasting effects
- **Precautionary statements**
  - P201 - Obtain special instructions before use.
  - P202 - Do not handle until all safety precautions have been read and understood.
  - P273 - Avoid release to the environment.
  - P281 - Use personal protective equipment as required.
  - P308 + P313 - IF exposed or concerned: Get medical advice/attention.
  - P391 - Collect spillage.
  - P405 - Store locked up.
  - P501 - Dispose of contents/container to an approved waste disposal plant.

HMIS Classification
- Health Hazard: 2
- Flammability: 0
- Physical Hazards: 0

NFPA Rating
- Health Hazard: 2
- Flammability: 0
- Physical Hazards: 0

Potential Health Effects
- Inhalation: May be harmful if inhaled. May cause respiratory tract infection.
- Skin: May be harmful if absorbed through skin. May cause skin irritation.
- Eyes: May cause eye irritation.
Ingestion: May be harmful if swallowed.

Section 3. Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>Substances</th>
<th>Formula</th>
<th>CAS No.</th>
<th>Formula Wt.</th>
<th>EC No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Formula</td>
<td>$C_{11}H_{12}O_3$</td>
<td>607-91-0</td>
<td>192.21</td>
<td></td>
</tr>
</tbody>
</table>

Section 4. First Aid Measures

**General advice**
Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

**Eye Contact**
Remove contact lenses. Flush with water for at least 15 minutes and seek medical attention immediately.

**Skin Contact**
Wash with soap and water for 15 minutes and seek medical attention immediately. Wash contaminated clothing before use.

**Inhalation**
Remove from exposure and provide respiration support if necessary. Seek medical attention.

**Ingestion**
Rinse mouth with water. Contact a physician or poison control immediately.

Section 5. Firefighting Measures

**Flash Point**
Not Available

**Extinguishing Media**
Water spray, dry chemical powder, carbon dioxide, polymer foam.

**Firefighting Procedures**
Wear self-contained breathing apparatus and protective clothing.

**Unusual Fire Hazards**
May emit toxic fumes.

Section 6. Accidental Release Measures

**Personal Precautions**
Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.

**Environmental Precautions**
Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

**Methods and materials for containment and cleanup**
Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

Section 7. Handling and Storage

**Handling**
Wear gloves, goggles, and lab coat when handling this material. Use in a well ventilated area. Use only in a chemical fume hood. Wash thoroughly after handling material.

**Storage Conditions**
Store in a dry and tightly closed container at -20°C.

**Hazardous Decomposition Products**
Carbon monoxide, Carbon dioxide.

**Other Remarks**
None
Section 8. Exposure Controls/Personal Protection

Personal protective equipment: Contains no substances with occupational exposure limit values.

Respiratory Protection: Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N100 (US) or type P3 (EN143) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Hand Protection: Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove’s outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Eye Protection: Face shield and safety glasses. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).

Skin and Body Protection: Complete suit protecting against chemicals. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Section 9. Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Physical State</th>
<th>Liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color</td>
<td>Slightly Yellow</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>173°C</td>
</tr>
<tr>
<td>Volatility</td>
<td>Not Available</td>
</tr>
<tr>
<td>Melting Point</td>
<td>-2.00E+01 °C</td>
</tr>
<tr>
<td>Density</td>
<td>Not Available</td>
</tr>
<tr>
<td>Solubility</td>
<td>Insoluble in water. Soluble in ethanol, or acetone.</td>
</tr>
<tr>
<td>pH</td>
<td>Not Available</td>
</tr>
<tr>
<td>Flash Point</td>
<td>Not Available</td>
</tr>
<tr>
<td>Ignition temperature</td>
<td>Not Available</td>
</tr>
<tr>
<td>Lower explosion limit</td>
<td>Not Available</td>
</tr>
<tr>
<td>Autoignition temperature</td>
<td>Not Available</td>
</tr>
<tr>
<td>Upper explosion limit</td>
<td>Not Available</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>0.00861 hPa (0.00646 mmHg) at 25 °C</td>
</tr>
<tr>
<td>Water solubility</td>
<td>Not Available</td>
</tr>
<tr>
<td>Odor</td>
<td>Not Available</td>
</tr>
<tr>
<td>Partition coefficient: n-octanol/water</td>
<td>log Pow: 3.235</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>Not Available</td>
</tr>
<tr>
<td>Relative vapor density</td>
<td>Not Available</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>Not Available</td>
</tr>
</tbody>
</table>

Section 10. Stability and Reactivity

Stability: Stable

Materials To Avoid: Strong oxidizing agents

Hazardous Decomposition Products: Carbon monoxide, Carbon dioxide.
Section 11. Toxical Information

- **Oral LD50**: Not available.
- **Inhalation LC50**: Not available.
- **Dermal LD50**: Not available.
- **Other information on acute toxicity**: Not available.
- **Skin corrosion/irritation**: Not available.
- **Serious eye damage/irritation**: Not available.
- **Respiratory or skin sensitization**: Not available.
- **Germ cell mutagenicity**: Not available.
- **Carcinogenicity**
  - **IARC**: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible, or confirmed human carcinogen by IARC.
  - **ACGIH**: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
  - **NTP**: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
  - **OSHA**: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
- **Reproductive Toxicity**: Not available.
- **Specific organ toxicity single exposure (GHS)**: Not available.
- **Specific organ toxicity repeated exposure (GHS)**: Not available.
- **Germ cell mutagenicity**: Not available.
- **Aspiration Hazard**: Not available.
- **Synergistic effects**: Not available.
- **Additional Information**: Not available.
- **Signs and symptoms of exposure**: Chemical physical, and toxicological properties have not been thoroughly investigated.
- **Potential Health Effects**: Inhalation: May be harmful if inhaled. May cause respiratory tract infection. Skin: May be harmful if absorbed through skin. May cause skin irritation. Eyes: May cause eye irritation. Ingestion: May be harmful if swallowed.

Section 12. Ecological Information

- **Toxicity**: Not available.
- **Mobility in soil**: Not available.
- **PBT and vPvB assessment**: PBT/vPvB assessment not available as chemical safety assessment not required/not necessary.
- **Possibility of hazardous reactions**: Not Available
- **Conditions to avoid**: Not Available
Section 13. Disposal Considerations

**Waste Disposal**

Dispose of material according to all federal, state and local regulations. Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.

Section 14. Transport Information

**DOT (US)**

Not dangerous goods.

**IATA**

UN Number 3082  Class: 9  Packing Group: III
Proper shipping name: environmentally hazardous substance, liquid, n.o.s., N.O.S. (6-allyl-4-methoxy-1,3-benzodioxole)

**IMDG**

UN Number 3082  Class: 9  Packing Group: III  EMS:No: F-A, S-F
Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (6-allyl-4-methoxy-1,3-benzodioxole)

Further Information

Section 15. Regulatory Information

**SARA 302 Components**

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title II, Section 302.

**SARA 313 Components**

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**SARA 311/312 Components**

Acute Health Hazard, Chronic Health Hazard

**Massachusetts Right To Know Components**

No components are subject to the Massachusetts Right to Know Act.

**Pennsylvania Right To Know Components**

Myristicin  CAS: 607-91-0

**New Jersey Right To Know Components**

Myristicin  CAS: 607-91-0

**California Prop 65 Components**

This product does not contain any chemicals known to the State of California to cause cancer, birth defects or any other reproductive harm.

Section 16. Other Information

**Other information**

The information in this document is believed to be correct but is not necessarily complete. LKT does not guarantee the accuracy of the information. The burden of verifying the information in this document rests solely upon the user.