



Section 1. Product and Company Identification

Product Name Myristicin
Product ID M9368
Chemical Name (Synonyms) 5-Allyl-1-methoxy-2,3-(methylenedioxy)benzene
Supplier LKT Laboratories, Inc
545 Phalen Blvd.
St. Paul, MN 55130 USA
Ph: 651-644-8424 Fax: 651-644-8357
www.lktlabs.com - getinfo@lktlabs.com
Emergency Phone # 1-800-424-9300

Section 2. Hazards Identification

GHS Classification Reproductive toxicity (Category 2) H361
Acute aquatic toxicity (Category 2) H401
Chronic aquatic toxicity (Category 2) H411

GHS Label elements including precautionary statements**Pictogram****Signal word** Warning**Hazard and precautionary statements****Hazard statements**

H361 - Suspected of damaging fertility or the unborn child
H401 - Toxic to aquatic life
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.
P261 - Avoid breathing dust, fumes, gas, mist, vapors, spray.
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.
Reproductive toxicity: Suspected of damaging fertility or the unborn child.

Section 3. Composition/Information on Ingredients

Substances

Formula C₁₁H₁₂O₃
CAS No. 607-91-0

Formula Wt. 192.21
EC No.

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 Natural.

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

Physical State	Liquid (Natural)	Color	Slightly yellow liquid.
Boiling Point	173°C	Volatility	Not Available
Melting Point	-2.00E+01 °C	Density	Not Available
Solubility	Insoluble in water. Soluble in ethanol (30 mg/mL), DMSO (25 mg/mL), DMF (25 mg/mL) or acetone. Soluble in ethanol, or acetone.	pH	Not Available
Flash Point	Not Available	Ignition temperature	Not Available
Lower explosion limit	Not Available	Autoignition temperature	Not Available
Upper explosion limit	Not Available	Vapor pressure	0.00861 hPa (0.00646 mmHg) at 25 °C
Water solubility	Insoluble in water.	Odor	Not Available
Partition coefficient: n-octanol/water	log Pow: 3.235	Odor Threshold	Not Available
Relative vapor density	Not Available	Evaporation rate	Not Available

Section 10. Stability and Reactivity

Stability	Stable
Materials To Avoid	Strong oxidizing agents
Hazardous Decomposition Products	Carbon monoxide, Carbon dioxide.

Possibility of hazardous reactions Not Available

Conditions to avoid Not Available

Section 11. Toxicological Information

Oral LD50 Not available.

Skin corrosion/irritation Not available.

Inhalation LC50 Not available.

Serious eye damage/irritation Not available.

Dermal LD50 Not available.

Respiratory or skin sensitization Not available.

Other information on acute toxicity Not available.

Germ cell mutagenicity Not available.

Reproductive Toxicity Not available.

Aspiration Hazard Not available.

Specific organ toxicity single exposure (GHS) Not available.

Synergistic effects Not available.

Specific organ toxicity repeated exposure (GHS) Not available.

Additional Information Not available.

Teratogenicity 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.
Reproductive toxicity: Suspected of damaging fertility or the unborn child.

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.

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

conducted.

Persistence and degradability Not available.

Other adverse effects An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Toxic to aquatic life.

Bioaccumulative potential 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

Reach No.

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 Revision Date:

New Jersey Right To Know Components Myristicin CAS #: 607-91-0 Revision Date:

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.

Updated 9/5/2019

For emergencies in the USA, call
CHEMTREC 800-424-9300