

1: Identification

Product Name : FT-ME 2g Strip; FT-ME 4g Wafer; FT-ME 6g Lure
Synonyms : Solid Methyl Eugenol Lure
Product Use : Insect Lure
Company : Farma Tech international Corporation
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North Bend, WA 98029
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2: Hazard(s) Identification

Hazard Classification : Acute Toxicity (oral), Hazard Category 4; H302
Skin Irritation, Hazard Category 2; H315
Eye Irritation, Hazard Category 2A; H319
Germ Cell Mutagenicity, Hazard Category 2; H341
Carcinogenicity, Hazard Category 2; H351
Aquatic Toxicity (acute), Hazard Category 2, H401
Aquatic Toxicity (chronic), Hazard Category 2, H411

Signal Word(s) : **Warning**

Hazard Statements : H302: Harmful if swallowed
H315: Causes Skin Irritation
H319: Causes Serious Eye Irritation
H341: Suspected of causing genetic defects
H351: Suspected of causing cancer
H401: Toxic to aquatic life
H411: Toxic to aquatic life with long lasting effects

Symbols :



Precautionary Statements : P201: Obtain special instructions before use.
P202: Do not handle until all safety precautions have been read and understood.
P264: Wash skin thoroughly after handling.
P270: Do not eat drink or smoke when using this product.
P273: Avoid release to the environment.
P280: Wear protective gloves/protective clothing/eye protection/face protection and wash all contaminated clothing thoroughly after handling.
P301+P312+P330: IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. Rinse mouth
P302+P352: IF ON SKIN: Wash with plenty of soap and water.
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.
P332+P313: IF skin irritation occurs: Get medical advice/attention.
P337+P313: IF eye irritation persists: Get medical advice/attention.
P362+P364: Take off contaminated clothing and wash it before reuse.
P391: Collect spillage.
P405: Store locked up.
P501: Dispose of contents/container to an approved waste disposal plant.

Description of Other Hazards : No specific data exists for the inert wafer material. The active ingredient is contained within a controlled release device which mitigates the identified hazards.
Vapor can cause irritation

3. Composition/Information on Ingredients

Chemical Name	Synonym	CAS	EC/EINECS	Concentration(%wt)
1,2-Dimethoxy-4-(prop-2-en-1-yl)benzene	Methyl Eugenol	93-15-2	202-223-0	51%
Inert Material				49%

4. First-Aid Measures

- After Skin Contact** : Wash hands thoroughly after handling. If on skin wash with plenty of soap and water. If irritation occurs seek medical advice. Take off contaminated clothing and wash before reuse.
- After Eye Contact** : Rinse eyes with copious amounts of water for at least 15 minutes. Remove contact lenses, if present, after the first 5 minutes and continue rinsing. Rinse longer if there is any indication of residual chemical in the eye. Ensure adequate flushing of the eyes by separating the eyelids with fingers and roll eyes in a circular motion. If irritation occurs seek medical advice.
- After Inhalation** : If adverse effects are felt, remove individual to fresh air. If breathing is difficult give oxygen. If not breathing, give artificial respiration. If symptoms persist get medical attention. If person is not breathing, call 911 or an ambulance then give artificial respiration, preferably mouth-to-mouth if possible.
- After Swallowing** : Rinse out mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If swallowed, seek medical advice immediately. Have the product container, label, or SDS with you when calling a Poison Control Center, doctor, or going for treatment. You can reach a local Poison Control Center at 1-800-222-1222, for emergency medical treatment information.

5. Fire Fighting Measures

- Suitable Extinguishing Agents** : In case of fire, use water, CO₂ or dry powder. Do not use water jet. Combustion products include carbon monoxide and carbon dioxide.
- Suitable Protective Equipment for Firefighters** : Wear self contained breathing apparatus and protective clothing. Be sure to use an approved / certified respirator or equivalent.

6. Accidental Release Measures

- Personal Precautions** : Wear suitable gloves. Suggested protective clothing might not be sufficient, consult specialist before handling this product.
- Measures for Environmental Protection** : Avoid contamination of soil, water sources and sewers. Clean up spillage immediately, using the appropriate protective equipment.
- Measures for Cleaning/Collecting** : In case of spillage, collect wafers, seal in a suitable container, and remove for disposal. Wafers should be collected and disposed of in accordance with local, state, or national legislation. Remove all sources of ignition. Provide ventilation.

7. Handling and Storage

- Handling** : Do not open packaging until time of use. Wear suitable protective gloves. Do not eat, drink or smoke when handling the product. Wash hands thoroughly after handling. In case of insufficient ventilation wear suitable respiratory equipment.
- Storage** : Keep only in original packaging in a cool, dry, well ventilated place. Store away from heat and out of direct sunlight. Avoid moisture. Keep out of reach of children.

8. Exposure Controls/Personal Protection

- General Protective and Hygienic Measures** : Wear appropriate protective clothing to prevent skin exposure. Wash hands after handling compounds and before eating, smoking, using lavatory and at the end of the day.
- Breathing Equipment** : Wear appropriate respirator when ventilation is inadequate.
- Protection of Hands** : Wear appropriate protective gloves to prevent skin exposure.
- Eye Protection** : Under normal use, eye protection is not required.

9: Physical and Chemical Properties

Appearance	: Yellow solid flexible wafer (1"x2"x1/8"); (2"x2"x1/8"); (2"x3"x1/8")
Odor	: Spicy, earthy-clove, carnation like, sweet
Methyl Eugenol(neat)	
Odor Threshold	: No Data Available
pH	: No Data Available
Melting Point/Freezing Point	: -4°C
Boiling Point/Boiling Range	: 254.7°C @ 760 mm of Hg
Flash Point	: >100°C
Evaporation Rate	: No Data Available
Flammability (solid, gas)	: No Data Available
Upper/Lower Flammability or Explosive Limits	: No Data Available
Vapour Pressure	: 0.027
Vapour Density	: 1.055g/cm ³
Relative Density	: 1.036 g/cm ³ @ 25°C
Solubility(ies)	: Soluble in alcohol, Solubility in water: <0.1 g/l @ 19°C
Partition Coefficient N-Octanol/Water	: No Data Available
Auto-Ignition Temperature	: No Data Available
Decomposition Temperature	: No Data Available
Viscosity	: No Data Available

10: Stability and Reactivity

Reactivity	: Stable under normal temperature and pressure conditions.
Chemical Stability	: May slowly oxidize on exposure to air.
Conditions to Avoid	: Stable under normal temperature and pressure conditions.
Incompatible Materials	: Strong acids, strong oxidizing agents.
Hazardous Decomposition Products	: Carbon monoxide, carbon dioxide. (CO, CO ₂)

11: Toxicological Information

Acute Toxicity	: No specific data exists for the inert wafer material. The active ingredient is contained within a controlled release device which mitigates the identified hazards.
Methyl Eugenol(neat)	
	LD50 Oral – Rat – 810mg/kg
	LC50 Inhalation – Rat – >4800 mg/m ³

Potential Routes of Exposure/Potential Health Effects

Skin	: May cause sensitization by skin contact (irritant)
Eye	: There may be irritation and redness
Inhalation	: May cause respiratory irritation
Ingestion	: No Data Available
Carcinogenic Effects	: Limited evidence of carcinogenicity in animal studies NTP: Anticipated human carcinogen IARC: 2B – Group 2B: Possibly carcinogenic to humans (4-Allylveratrole) 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.
Mutagenic Effects	: Suspected of causing genetic defects. Chromosome aberration test in vitro Result: positive
Reproductive Toxicity	: No Data Available
Sensitization	: No Data Available
Target Organs	: No Data Available

12: Ecological Information

Ecotoxicity	: Methyl Eugenol(neat) Toxicity to fish - LC50 – Oncorhynchus mykiss (rainbow trout) – 6.9 mg/l – 48 h LC50 – Lepomis macrochirus (Bluegill sunfish) – 8.1 mg/l – 96 h
Persistence and degradability	: No Data Available
Bioaccumulative potential	: No Data Available
Mobility in soil	: No Data Available
Other adverse effects	: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Methyl Eugenol is toxic to aquatic life with long lasting effects.

13: Disposal Considerations

Wafers should be collected and disposed of in accordance with local, state or national legislation

14: Transport Information

DOT (US)	: Not Dangerous Goods	IATA	: Not Dangerous Goods
UN Number	: 3082		
Class	: 9		
UN proper shipping name	: Environmentally Hazardous Substance, Liquid, N.O.S. (4-Allylveratrole)		
Transport Hazard Class(es)	: Non-Hazardous		
Packing Group	: III		
Marine Pollutant	: Yes		
Special Precautions	: No Data Available		

15: Regulatory Information

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65)	: Methyl Eugenol: Avoid contamination of soil, water sources and sewers.
SARA Title III SARA Sections 311/312 Hazardous Categories (40 CFR 370.21)	: Methyl Eugenol: Acute: Yes; Chronic: No; Fire: No; Reactive: No; Sudden Release: No
California Proposition 65	: Methyl Eugenol: Known to the State of California to cause the following: Cancer (Nov 16, 2001)
US EPA Registration No.	: Not Registered; Unregistered use for survey and detection allowed (40 CFR §152.10(b))
Listed on TSCA Inventory	: Not Applicable

16: Other Information

No specific data exists for the inert wafer material. The active ingredient is contained within a controlled release device which mitigates the identified hazards.

Danger/Hazard Symbol :



Xn – Harmful



Xi – Irritant

EC Risk and Safety Phrases	: R22 Harmful if swallowed R36/37/38 Irritating to eyes, respiratory system and skin R40 Limited evidence of a carcinogenic effect S2 Keep out of reach of children S20/21 Do not eat, drink or smoke when handling the product S28 Wash hands thoroughly after handling S36/37/39 Wear suitable protective clothing, gloves and eye/face protection S38 In case of insufficient ventilation wear suitable respiratory equipment
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If further safety data is required, please contact Farma Tech International Corporation at +1 (425)-369-1050

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