

1: Identification

Product Name : FT-Trimedlure
Chemical Name : tert-butyl (+/-)-4(or 5)-chloro-2-methylcyclohexanecarboxylate
Synonyms : Trimedlure
Product Use : Insect Attractant
Company : Farma Tech international Corporation
 1546 Boalch Ave NW, Suite 30
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Telephone : +1.425.396.1050

2: Hazard(s) Identification

Hazard Classification : Skin Irritation, Hazard Category 2; H315
 Eye Irritation, Hazard Category 2A; H319
 Aquatic Toxicity (acute), Hazard Category 2, H401
 Aquatic Toxicity (chronic), Hazard Category 2, H411

Signal Word(s) : **Warning**

Hazard Statements : H315: Causes Skin Irritation
 H319: Causes Serious Eye Irritation
 H401: Toxic to aquatic life
 H411: Toxic to aquatic life with long lasting effects

Symbols :



Precautionary Statements : 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.
 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.
 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.
 P501: Dispose of contents/container to an approved waste disposal plant.

Description of Other Hazards : Vapor can cause irritation

3. Composition/Information on Ingredients

| Chemical Name | Synonym | CAS | EC/EINECS | Concentration(%wt) |
|--|------------|------------|-----------|--------------------|
| tert-butyl (+/-)-4(or 5)-chloro-2-methylcyclohexanecarboxylate | Trimedlure | 12002-53-8 | 234-416-0 | 95% |
| Other ingredients | | | | 5% |

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.
- 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** : Splash goggle, full suit, boots, gloves. Suggested protective clothing might not be sufficient, consult specialist before handling this product.
- Measures for Environmental Protection** : Avoid runoff into storm sewers and ditches which lead to waterways. Clean up spills immediately, using the appropriate protective equipment.
- Measures for Cleaning/Collecting** : Absorb with an inert material, (e.g., dry sand or earth), then place into a chemical waste container. Remove all sources of ignition. Provide ventilation.

7. Handling and Storage

- Handling** : Do not open packaging until time of use. Wear suitable protective clothing, gloves and eye/face protection. Do not eat, drink or smoke when handling the product. 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** : Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

9: Physical and Chemical Properties

| | |
|---|---|
| Appearance | : Yellow clear liquid (may be dyed red) |
| Odour | : Fruity |
| Odour Threshold | : No Data Available |
| pH | : No Data Available |
| Melting Point/Freezing Point | : -5 – 22°C |
| Boiling Point/Boiling Range | : 89 – 91°C |
| 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 | : No Data Available |
| Vapour Density | : No Data Available |
| Relative Density | : 1.016 |
| Solubility(ies) | : Solubility in water: <1% |
| 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 | : Stable under normal temperature and pressure conditions. |
| 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 | : LD50 Oral – Rat – 4556 mg/kg |
| | : LC50 Inhalation – Rat – >2900 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 | : Large doses may cause gastro-intestinal upset |
| Carcinogenic Effects | : Not listed as a carcinogen by ACGIH, IARC, NTP, or CA Prop 65. |
| Mutagenic Effects | : No Data Available |
| Reproductive Toxicity | : No Data Available |
| Sensitization | : No Data Available |
| Target Organs | : No Data Available |

12: Ecological Information

- Ecotoxicity** : Toxicity to fish -
LC50 – Oncorhynchus mykiss (rainbow trout) – 9.6 mg/l – 96 h
LC50 – Lepomis macrochirus (Bluegill sunfish) – 12.1 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.
Toxic to aquatic life with long lasting effects.

13: Disposal Considerations

Liquid 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
- Marine Pollutant** : Yes
- Special Precautions** : No Data Available

15: Regulatory Information

- US EPA Registration No.** : Not Registered; Unregistered use for survey and detection allowed (40 CFR §152.10(b))
- Listed on TSCA inventory** : Yes

16: Other Information

Danger/Hazard Symbol :



Xi - Irritant

- EC Risk and Safety Phrases** :
- | | |
|-----------|---|
| R36/37/38 | Irritating to eyes, respiratory system and skin |
| S2 | Keep out of the reach of children |
| S20/21 | Do not eat, drink or smoke when handling the product |
| S28 | Wash hands thoroughly after handling |
| S38/37/39 | Wear suitable protective clothing, gloves and eye/face protection |
| S38 | In case of insufficient ventilation wear suitable respiratory equipment |

If further safety data is required, please contact Farma Tech international Corporation at +1 (425)-369-1050

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