


Safety Data Sheet

SDS Name: E8E10-12OH

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

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| 1.1 | Product Identifiers | Product Name: E8E10-12OH Synonyms: e,e-8,10-Dodecadienol e,e-8,10-Dodecadien-1-ol Codlure Codlemone Product Number: Y001 Brand Name: PHEROBIO Other Information: N/A |
| 1.2 | Relevant identified uses of the substance or mixture and uses advised against | Recommended Usage: For manufacture use only. |
| 1.3 | Details of the supplier/manufacturer | Company: Pherobio Yangling Xianglin Co., Ltd Address: Binhe Road, Yangling, Shaanxi Province, PRC Telephone: +86 29-87046799 Website: www.pherobio.com E-mail: info@pherobio.com |
| 1.4 | Emergency Contact | Emergency Telephone: +86 29-87046799 |

SECTION 2 - HAZARD INFORMATION

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| 2.1 | Classification of the substance or mixture | The substance(s) does not meet the criteria for classification. |
| 2.2 | Label elements | <p>Pictogram: </p> <p>Signal Word: Warning</p> <p>Hazard Statement(s): Causes skin corrosion/irritation. Causes serious eye irritation.</p> <p>Precautionary Statement(s): ALWAYS wear protective gloves. ALWAYS wash hands after handling. IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation occurs: Get medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. Rinse mouth. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Store locked up. Dispose of contents/container in accordance with local/ regional/ national/ international regulations.</p> <p>Supplemental Hazard Statements: N/A</p> |
| 2.3 | Other hazards | No further relevant information available. |

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

| 3.1 | Substance or mixture | | | | | | | | | | | | | |
|--|-----------------------------|---|------------------------|----------------|-----------------|---------|--|----------------|--------|-------------------|-------------------|----------------|--------|------------------------|
| | | <table border="1"> <thead> <tr> <th>Component(s)</th> <th>Classification</th> <th>Concentration %</th> <th>Remarks</th> </tr> </thead> <tbody> <tr> <td>e, e- 8, 10- Dodecadienol CAS: 33956-49-9</td> <td>Not Classified</td> <td>90.00%</td> <td>Active ingredient</td> </tr> <tr> <td>Other Ingredients</td> <td>Not Classified</td> <td>10.00%</td> <td>Isomers and impurities</td> </tr> </tbody> </table> | Component(s) | Classification | Concentration % | Remarks | e, e- 8, 10- Dodecadienol CAS: 33956-49-9 | Not Classified | 90.00% | Active ingredient | Other Ingredients | Not Classified | 10.00% | Isomers and impurities |
| Component(s) | Classification | Concentration % | Remarks | | | | | | | | | | | |
| e, e- 8, 10- Dodecadienol CAS: 33956-49-9 | Not Classified | 90.00% | Active ingredient | | | | | | | | | | | |
| Other Ingredients | Not Classified | 10.00% | Isomers and impurities | | | | | | | | | | | |

For the full text of the H-Statements mentioned in this Section, see Section 16.

SECTION 4 - FIRST AID MEASURES

- 4.1 Description of first aid measures**
- General advice**
Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.
- If inhaled**
Supply fresh air. If required, provide artificial respiration. Keep patient warm.
Consult doctor if symptoms persist. Seek immediate medical advice.
- In case of skin contact**
Instantly wash with water and soap and rinse thoroughly.
If skin irritation occurs: Seek immediate medical advice/attention.
- In case of eye contact**
Rinse opened eye for several minutes under running water.
If eye irritation persists: Seek immediate medical advice/attention.
- If swallowed**
Rinse mouth with water. Consult a physician.
Never give anything by mouth to an unconscious person.
- 4.2 Most important symptoms and effects, both acute and delayed**
May cause eye irritation.
- 4.3 Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

SECTION 5 – FIREFIGHTING MEASURES

- 5.1 Extinguishing media**
- Suitable extinguishing media:**
Water fog, alcohol-resistant foam, dry chemical or carbon dioxide.
- 5.2 Special hazards arising from the substance or mixture**
Hazardous air may be formed during fire.
- 5.3 Advice for firefighters**
Wear self-contained breathing apparatus. Wear full protective suit.
- 5.4 Further information**
No further information available

SECTION 6 – ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions, protective equipment and emergency procedures**
Avoid breathing vapors, mist or gas.
Wear protective equipment.
Keep unprotected persons away.
Ensure adequate ventilation.
- 6.2 Environmental precautions**
Do not allow material to be released to the environment without proper governmental permits.
Do not allow product to reach sewage system or water bodies.
Do not allow to enter the ground/soil.
- 6.3 Methods and materials for containment and cleaning up**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Use neutralizing agent, flush area with water after cleaning.
Ensure adequate ventilation.

SECTION 7 – HANDLING AND STORAGE

- 7.1 Precautions for safe handling**
Keep containers tightly sealed.
Ensure good ventilation/exhaustion at the workplace.
Open and handle container with care.
Observe good industrial hygiene practices.

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| 7.2 | Conditions for safe storage, including any incompatibilities Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Store away from oxidizing agents. Protect from heat. Recommended storage temperature: below 5°C. |
| 7.3 | Other information Store in a locked cabinet or with access restricted to technical experts or their assistants. |

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

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| 8.1 | Control parameters Components with workplace control parameters |
| 8.2 | Exposure controls Appropriate engineering controls Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product. Eye/face 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 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. Body Protection: Complete suit protecting against chemicals, Flame retardant antistatic protective clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. Respiratory Protection: In case of insufficient ventilation, wear suitable respiratory equipment. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Control of Environmental Exposure: Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided. |

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

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| 9.1 | Information on basic physical and chemical properties Appearance: Light yellow solid Odor: Waxy and fatty pH: No data available Melting/freezing point: 29 °C Initial boiling point and boiling range: 282.81 °C Flash point: 110 °C Evaporation rate: No data available Flammability (solid, gas): No data available Upper/lower flammability or explosive limits: Upper: No data available Lower: No data available Vapor pressure: 0.000176 mmHg at 20°C Vapor density: No data available Relative density: No data available Water solubility: No data available Auto-ignition Temperature: No data available Decomposition Temperature: No data available Viscosity: No data available Explosive properties: No data available Oxidizing properties: No data available |
| 9.2 | Other safety information No further relevant information available. |

SECTION 10 – STABILITY AND REACTIVITY

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| 10.1 | Reactivity No data available |
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| 10.2 | Chemical stability Stable under recommended storage conditions. |
| 10.3 | Possibility of hazardous reactions No data available |
| 10.4 | Conditions to avoid Heat, flames and sparks. |
| 10.5 | Incompatible materials Oxidizing agents. |
| 10.6 | Hazardous decomposition products No hazardous decomposition products known. |

SECTION 11 – TOXICOLOGICAL INFORMATION

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| 11.1 | <p>Information on toxicological effects</p> <p>Acute toxicity >5050 mg/kg (Oral/Rat) >2020 mg/kg (Dermal/Rabbit)</p> <p>Skin corrosion/irritation Slight (Rabbit)</p> <p>Serious eye damage/eye irritation Slight (Rabbit)</p> <p>Respiratory or skin sensitization No sensitization effects</p> <p>Germ cell mutagenicity No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.</p> <p>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.</p> <p>Reproductive toxicity No data available</p> <p>Specific target organ toxicity - single exposure No data available</p> <p>Specific target organ toxicity - repeated exposure No data available</p> <p>Aspiration hazard No data available</p> <p>Additional Information To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.</p> |
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SECTION 12 – ECOLOGICAL INFORMATION

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|------|---|
| 12.1 | Toxicity 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 other effects known |

SECTION 13 – DISPOSAL CONSIDERATIONS

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| 13.1 | Waste treatment methods |
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Product

Hand over to disposers of hazardous waste.
Must be specially treated under adherence to official regulations. Consult state, local or national regulations for proper disposal.

Contaminated packaging

Must be treated as unused product.

SECTION 14 – TRANSPORT INFORMATION

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| 14.1 | UN number | |
| | ADR/RID: | Not applicable |
| | IMDG: | Not applicable |
| | IATA: | Not applicable |
| 14.2 | UN proper shipping name | |
| | ADR/RID: | Not dangerous goods. |
| | IMDG: | Not dangerous goods. |
| | IATA: | Not dangerous goods. |
| 14.3 | Transport hazard class(es) | |
| | ADR/RID: | Not applicable |
| | IMDG: | Not applicable |
| | IATA: | Not applicable |
| 14.4 | Packaging group | |
| | ADR/RID: | - |
| | IMDG: | - |
| | IATA: | - |
| 14.5 | Environmental hazards | |
| | ADR/RID: | no |
| | IMDG: | no |
| | IATA: | no |
| 14.6 | Special precautions for user | |
| | No data available | |

SECTION 15 – REGULATORY INFORMATION

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| 15.1 | Safety, health and environmental regulations/legislation specific for the substance or mixture |
| | This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. |
| 15.2 | Chemical safety assessment |
| | For this product a chemical safety assessment was not carried out |
| 15.3 | Information about limitation of use |
| | For use only by technically qualified individuals. |

SECTION 16 – OTHER INFORMATION

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| 16.1 | Further information |
| | The information provided in this Safety Data Sheet is correct to the best of our knowledge. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. |
| 16.2 | Abbreviations and acronyms: |
| | <p>RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)</p> <p>ICAO: International Civil Aviation Organization</p> <p>ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)</p> <p>IMDG: International Maritime Code for Dangerous Goods</p> <p>DOT: US Department of Transportation</p> <p>IATA: International Air Transport Association</p> <p>EINECS: European Inventory of Existing Commercial Chemical Substances</p> <p>CAS: Chemical Abstracts Service (division of the American Chemical Society)</p> <p>HMIS: Hazardous Materials Identification System (USA)</p> <p>WHMIS: Workplace Hazardous Materials Information System (Canada)</p> <p>LC50: Lethal concentration, 50 percent</p> <p>LD50: Lethal dose, 50 percent</p> <p>vPvB: very Persistent and very Bioaccumulative</p> <p>ACGIH: American Conference of Governmental Industrial Hygienists (USA)</p> <p>OSHA: Occupational Safety and Health Administration (USA)</p> <p>NTP: National Toxicology Program (USA)</p> <p>IARC: International Agency for Research on Cancer</p> <p>EPA: Environmental Protection Agency (USA)</p> <p>AICS: Australian Inventory of Chemical Substances</p> <p>DSL: Domestic Substances List</p> <p>NDSL: Non-Domestic Substances List</p> <p>IECS: Inventory of Existing Chemical Substances in China</p> <p>EINECS: European Inventory of Existing Commercial Chemical Substances</p> <p>ELINCS: European List of Notified Chemical Substances</p> <p>ENCS: Inventory of Existing and New Chemical Substances</p> <p>ECL: Existing Chemicals List</p> <p>PICCS: Philippine Inventory of Chemicals and Chemical Substances</p> <p>TSCA: Toxic Substances Control Act</p> |