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| HEALTH | 0 |
| FLAMMABILITY | 1 |
| REACTIVITY | 0 |

Section 1: IDENTIFICATION

Product Name: **Cinnamyl 2-Methyl Butyrate Natural**
 Product Number: 0230200
 CAS No.: 140-27-2

Recommended Use: Flavorings

Manufacturer: Aurochemicals
 7 Nicoll Street
 Washingtonville, NY 10992 – USA
 845-496-6065
 845-496-6248 Fax

Emergency Telephone No.: 1-800-535-5053
 (International 1-352-323-3500 collect)

Section 2: HAZARD(s) IDENTIFICATION

OSHA Hazards No known OSHA Hazards
 GHS Classification Not a dangerous substance according to GHS
 GHS Label elements, including precautionary statements None
 Pictogram None
 Signal Word: None
 Hazard Statement(s): None
 Precautionary Statement(s): None

HMIS Classification Health Hazard 0
 Flammability 1
 Physical Hazards 0

Potential Health Effects

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| Inhalation | May be harmful if inhaled. May cause respiratory tract irritation |
| 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

Formula $C_{14}H_{18}O_2$
 Molecular Weight 218.29 g/mol
 CAS # 140-27-2
 EC# 205-407-9

| Component | Concentration |
|---|---------------|
| No ingredients are hazardous according to OSHA Criteria | - |

Section 4: FIRST AID MEASURES

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| General Advise: | Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area. |
| Contact with eyes: | Rinse thoroughly with plenty of water for at least 15 minutes as a precaution |
| Contact with skin: | Remove contaminated clothing. Rinse skin with cool water then wash with plenty of mild soap and warm water. |
| Inhalation: | Provide fresh air. |
| Ingestion: | Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. |
| Clothing contamination: | Wash contaminated clothing before re-use |

Section 5: FIREFIGHTING MEASURES

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| Suitable extinguishing media | Use water spray, alcohol resistant foam, dry chemical or carbon dioxide |
| Special protective equipment for firefighters | Wear self contained breathing apparatus for firefighting if necessary |
| Other Information | Hazardous decomposition products formed under fire conditions – Carbon oxides. |

Section 6: ACCIDENTIAL RELEASE MEASURES

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| Personal precautions | Avoid breathing vapors, mist or gas |
| Environmental-protected measures | Prevent further leakage or spillage if safe to do so. Do not let product enter drains. |
| Procedures for cleaning / absorption | Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal |
| Ventilate area | After sweep up, wash area and ventilate area well |

Section 7: HANDLING AND STORAGE

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| Precautions for safe handling | Normal measures for preventive fire protection |
| Conditions for safe storage | Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. |

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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| Exposure Limits: | Contains no substances with occupational exposure limit values |
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| Personal Protective Equipment: | These recommendations are advisory only and must be evaluated by an industrial hygienist and safety officer familiar with the specific situation of anticipated use by our customers. They should not be construed as offering an approval for any specific use scenario. |
| Body Protection: | Clothing protecting against chemicals should be selected specifically for the work place, depending on concentration and quantity of the hazardous substances handled. The resistance of the protective clothing to chemicals should be ascertained with the respective supplier |
| Respiratory Protection: | Respiratory protection not required. For nuisance exposures use type OV/AG (US) or type ABEK (EU EN 14387) respiratory cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU) |
| Eye Protection: | Wear appropriate safety glasses with side shields. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU). |
| Hand Protection: | Wear chemically resistant rubber gloves and use proper glove removal techniques to avoid skin contact with this product. Wash and dry hands after handling this product. |
| Industrial Hygiene: | Handle in accordance with good industrial hygiene and safety practice. Wash contaminated clothing before reuse. Wash hands after working with product and at the end of the work day. |

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

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| Form: | Liquid |
| Color: | Colorless to yellowish |
| Odor: | Sweet pineapple, rose like odor, apple taste, waxy spicy nuances |
| Melting Point | No data available |
| Boiling Point: | 313°C |
| Flashpoint: | 113°C |
| Ignition temperature | No data available |
| Lower Explosion Limit | No data available |
| Upper Explosion Limit | No data available |
| Vapor Pressure: | No data available |
| Specific Gravity @ 25°C: | 1.005-1.014 |
| Solubility | No data available |

Section 10: STABILITY AND REACTIVITY

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| Chemical stability | Stable under recommended storage conditions |
| Possibility of Hazardous reactions | No data available |
| Conditions to avoid | No data available |
| Materials to avoid | Strong Oxidizing Agents, |
| Hazardous decomposition products | Hazardous decomposition products formed under fire conditions- Carbon oxides. |

Section 11: TOXICOLOGICAL INFORMATION

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| LD50, Oral | No data available |
| LC50 Inhalation | No data available |
| LD50 Dermal | No data available |
| Further toxicological information | No data available |
| Skin corrosion / irritation | No data available |
| Serious eye damage / eye irritation | No data available |
| Respiratory or skin sensitization | No data available |
| Germ cell mutagenicity | No data available |

Carcinogenicity

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| 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. |

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| Reproductive toxicity | No data available |
| Specific target organ toxicity-Single Exposure (GHS) | No data available |
| Specific target organ toxicity-Repeated Exposure (GHS) | No data available |
| Aspiration hazard | No data available |

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|--------------------------|------------|--|
| Potential health effects | Inhalation | May be harmful if inhaled. May cause respiratory tract irritation |
| | Ingestion | May be harmful if swallowed |
| | Skin | May be harmful if absorbed through skin. May cause skin irritation |
| | Eyes | May cause eye irritation |

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| Synergistic effects | No data available |
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| RTECS | Not available |
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| Additional information | To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated |
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Section 12: ECOLOGICAL INFORMATION

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| Toxicity | No data available |
| Other adverse effects | No data available |

Section 13: DISPOSAL CONSIDERATIONS

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| Product: | According to local regulations |
| Packaging: | According to local regulations |

Section 14: TRANSPORT INFORMATION

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| DOT (US) | Not dangerous goods |
| IMDG | Not dangerous goods |
| IATA | Not dangerous goods |

Section 15: REGULATORY INFORMATION

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| OSHA Hazards | No known OSHA hazards | | |
| SARA 302 | No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302. | | |
| SARA 313 Components | 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 Hazards | No SARA Hazards | | |
| Massachusetts Right to Know Components | No components are subject to the Massachusetts Right to Know Act | | |
| Pennsylvania Right to Know Components | <i>trans</i> -Cinnamyl Isovalerate | CAS # 69121-78-4 | Rev. Date: |
| New Jersey Right to Know Components | <i>trans</i> -Cinnamyl Isovalerate | CAS # 69121-78-4 | Rev. Date: |
| California Prop. 65 Components | This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm | | |

Section 16: OTHER INFORMATION

Aurochemicals provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose. Aurochemicals makes no representations or warranties, either expressed or implied, including without limitation any warranties of merchantability, fitness for a particular purpose with respect to the information set forth herein or the product to which the information refers. Accordingly, Aurochemicals will not be responsible, nor held liable, for damages resulting from use of or reliance upon this information.

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Aurochemicals