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| HEALTH | 2 |
| FLAMMABILITY | 1 |
| REACTIVITY | 0 |

Section 1: IDENTIFICATION

Product Name: **Dimethyl Anthranilate, Natural**
 Product Number: 0271800
 CAS No.: 85-91-6

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 Irritant

GHS Classification Skin irritation (Category 2)
 Eye irritation (Category 2A)
 Specific target organ toxicity-Single exposure (Category 3) Respiratory System

GHS Label elements, including precautionary statements
 Pictogram 

Signal Word: Warning

Hazard Statement(s): H315 Causes skin irritation
 H319 Causes serious eye irritation
 H335 May cause respiratory irritation

Precautionary Statement(s): P261 Avoid breathing dust/fume/gas/mist/vapors/spray
 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 concern, get medical attention

HMIS Classification Health Hazard 2
 Flammability 1
 Physical Hazards 0

Potential Health Effects
 Inhalation May be harmful if inhaled. Causes respiratory tract irritation
 Skin May be harmful if absorbed through skin. Causes skin irritation
 Eyes Causes eye irritation
 Ingestion May be harmful if swallowed

Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

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| Synonyms | N-Methyl anthranillic acid |
| Formula | C ₉ H ₁₁ NO ₂ |
| Molecular Weight | 165.19 g/mol |
| CAS # | 85-91-6 |
| EC# | 201-642-6 |

| Component | Concentration |
|----------------------------|-------------------------------------|
| Methyl N-methylantranilate | - |
| | CAS-No. 85-91-6 EC-No. 201-642-6 |

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 and seek medical advice. |
| Contact with skin: | Remove contaminated clothing. Rinse skin with cool water then wash with plenty of mild soap and warm water. Consult a physician. |
| Inhalation: | Provide fresh air, Consult a physician. |
| Ingestion: | Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water, seek medical advice, show this container or label to attending physician. |
| 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, nitrogen oxides (NOx). |

Section 6: ACCIDENTAL RELEASE MEASURES

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| Personal precautions | Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe area. Remove all sources of ignition. |
| 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 | Avoid contact with skin and eyes. Avoid inhalation of vapors or mist. Take measures to prevent the build-up of electrostatic charge. |
| Conditions for safe storage | Keep container tightly closed in a dry and well-ventilated place. |

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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| Exposure Limits: | Contains no substances with occupational exposure limit values. |
| 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: | Where risk assessment shows air-purifying respirators are appropriate use a full face respirator with multi-purpose combination (US) or type ABEK (EN1437) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full face supplied air respirator. 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 Nitrile rubber gloves 0.3 mm thick and use proper glove removal techniques to avoid skin contact with this product. Wash and dry hands after handling this product. |
| Industrial Hygiene: | Avoid contact with skin, eyes, and clothing. Handle in accordance with good industrial hygiene and safety practice. Wash contaminated clothing before reuse. Wash hands after working with product. |

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

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| Form: | Liquid, clear |
| Color: | Colorless to Yellow |
| Odor: | Grape like odor |
| Melting Point | 18.5-19.5°C |
| Boiling Point: | 256°C |
| Flashpoint: | 110°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: 1.125-1.132
 Solubility 1:3 in 80% alcohol, remains in solution to 10 mL; insoluble in glycerin, water;
 Soluble in most fixed oils; slightly soluble in propylene glycol.

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, nitrogen oxides (NOx) |

Section 11: TOXICOLOGICAL INFORMATION

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| LD50, Oral Rat | No data available |
| LC50 Inhalation | No data available |
| LD50 Dermal -Rabbit | 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) | Inhalation – May cause respiratory irritation |
| 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. Causes respiratory tract irritation |
| | Ingestion | May be harmful if swallowed |
| | Skin | May be harmful if absorbed through skin. Causes skin irritation |
| | Eyes | Causes eye irritation |

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| Synergistic effects | No data available |
| RTECS | CB3500000 |
| Additional information | To the best of our knowledge, the chemical, physical, and toxicological properties have not |

been thoroughly investigated

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 | Irritant |
| 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 | Acute Health Hazard |
| Massachusetts Right to Know Components | No components are subject to the Massachusetts Right to Know Act |
| Pennsylvania Right to Know Components | Methyl N-methylantranilate CAS # 85-91-6 Rev. Date: |
| New Jersey Right to Know Components | Methyl N-methylantranilate CAS # 85-91-6 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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