

Section 1: Identification

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|-----------------------------------|--|---|
| Common Name/Trade Name | NIACIN USP | |
| Supplier Information | Letco Medical, LLC 1316 Commerce Drive NW Decatur, AL 35601 1 (800) 239-5288 +1 (734) 843-4693 | IN CASE OF EMERGENCY: Chemtrec 1 (800) 424-9300 (24 hours) |
| Product Synonym(s) | Nicotinic Acid | |
| Relevant Use(s) of Product | Manufacture or Compounding of Substances | |

Section 2: Hazards Identification

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| Classification of Substance or Mixture | Eye irritation (Category 2A) | |
| Signal Word | Warning | |
| Hazard Statement(s) | H319 | Causes serious eye irritation |
| Pictogram(s) |  | |
| Precautionary Statement(s) | P264 P280 P305+P351+P338 P337+P313 P402+P404 P410+P403 P501 | Wash hands thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. 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. Store in a dry place. Store in a closed container. Protect from sunlight. Store in a well ventilated place. Dispose of contents/container to an approved waste disposal plant. |
| Hazards Not Otherwise Classified | No data available | |
| Ingredient(s) with Unknown Toxicity | No data available | |

Section 3: Composition/Information on Ingredients

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| Chemical Name | Nicotinic Acid |
| Common Name | Niacin |
| CAS Number | 59-67-6 |
| Impurities and/or Stabilizing Additives | No data available |

Section 4: First Aid Measures

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| General Advice | No information available |
| If Inhaled | Remove to fresh air. If breathing is irregular or stopped, administer artificial respiration. |
| In Case of Skin Contact | After contact with skin, wash immediately with plenty of soap and water. Consult a physician. |
| In Case of Eye Contact | In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Call a physician immediately |
| If Swallowed | Call a physician immediately. Clean mouth with water and drink afterwards plenty of water. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. |
| Most Important Symptoms and Effects | No information available |

Section 5: Fire Fighting Measures

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| Suitable Extinguishing Media | Water spray Dry powder Foam. Use water spray to cool unopened containers |
| Special Hazards Arising From the Substance/Mixture | Heating or fire can release toxic gas. |
| Special PPE and/or Precautions for Firefighters | In the event of fire, wear self-contained breathing apparatus. |

Section 6: Accidental Release Measures

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| Personal Precautions, Protective Equipment and Emergency Procedures | Avoid dust formation. Use personal protective equipment. |
| Methods and Materials Used for Containment | Prevent product from entering drains. |
| Cleanup Procedures | Sweep up or vacuum up spillage and collect in suitable container for disposal. Do not flush into surface water or sanitary sewer system. |

Section 7: Handling and Storage

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| Precautions for Safe Handling | Provide sufficient air exchange and/or exhaust in work rooms. Avoid formation of respirable particles. Avoid contact with skin and eyes. |
| Conditions for Safe Storage | To maintain product quality, do not store in heat or direct sunlight. Keep container tightly closed. Keep in a dry, cool and well-ventilated place. |

Section 8: Exposure Controls/Personal Protection

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| Components with Workplace Control Parameters | Contains no substances with occupational exposure limit values. |
| Appropriate Engineering Controls | Use only in area provided with appropriate exhaust ventilation. |
| PPE - Eye/Face Protection | Safety glasses with side-shields |
| PPE - Skin Protection | Wear suitable gloves. |
| PPE - Body Protection | Choose body protection according to the amount and concentration of the dangerous substance at the work place. |
| PPE - Respiratory Protection | In the case of dust or aerosol formation use respirator with an approved filter. |

Section 9: Physical and Chemical Properties

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| Appearance | Form: crystalline Colour: White |
| Upper/Lower Flammability or Explosive Limits | No data available |
| Odor | odourless |
| Vapor Pressure | 0.0125 Pa (25 °C) Method: calculated |
| Odor Threshold | No data available |
| Vapor Density | no data available |
| pH | 3.4 at 10 g/l at 20 °C |
| Relative Density | No data available |
| Melting Point/Freezing Point | 234 - 237 °C |
| Solubility | Water solubility-15 g/l at 20C 150 g/l at 100C. 12.5 g/l (25C) Solvent: Ethanol |
| Initial Boiling Point and Boiling Range | No data available |
| Flash Point | no data available |
| Evaporation Rate | No data available |
| Flammability (Solid, Gas) | not highly flammable Method: Flammability (solids) GLP: yes |
| Partition Coefficient | log Pow: -2.34 (25 °C) Method: OECD Test Guideline 117 GLP: yes |
| Auto-Ignition Temperature | No data available |
| Decomposition Temperature | No data available |
| Viscosity | No data available |

Section 10: Stability and Reactivity

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| Reactivity | Stable under recommended storage conditions. |
| Chemical Stability | Stable under normal conditions. |
| Possibility of Hazardous Reactions | None known.Stable under normal conditions. |
| Conditions to Avoid | No data available |
| Incompatible Materials | Strong oxidizing agents. |
| Hazardous Decomposition Products | No decomposition if stored normally. |

Section 11: Toxicological Information

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| Acute Toxicity - LD50 Oral | 4,500 mg/kg Species: Rat (female) |
| Acute Toxicity - Inhalation | > 3.8 mg/l Species: Rat (male and female) Exposure time: 4 h Test atmosphere: dust/mist Method: see user defined free text Test substance: yes GLP: yes Assessment: The substance or mixture has no acute inhalation toxicity Remarks: Maximum tested concentration. |
| Acute Toxicity - Dermal | > 2,000 mg/kg Species: Rat Exposure time: 24.0 h Method: OECD Test Guideline 402 GLP: yes 5,000 mg/kg |
| Acute Toxicity - Eye | moderate irritant Species: Rabbit Method: OECD Test Guideline 405 GLP: yes |
| Skin Corrosion/Irritation | non irritant Species: Rabbit Exposure time: 4 h Method: DOT |
| Serious Eye Damage/Irritation | moderate irritant Species: Rabbit Method: OECD Test Guideline 405 GLP: yes |
| Respiratory or Skin Sensitization | Test Type: Magnusson & Kligman Species: Guinea pig Method: OECD Test Guideline 406 Result: not sensitizing |
| Germ Cell Mutagenicity | negative Ames test, Salmonella typhimurium Method: OECD Test Guideline 471 GLP: yes negative Chromosome aberration test in vitro, Chinese hamster ovary cells Method: OECD Test Guideline 473 GLP: yes negative Gene mutation, Chinese hamster ovary cells Method: OECD Test Guideline 476 GLP: yes negative UDS test in vitro, rat hepatocytes Method: OECD Test Guideline 482 GLP: yes negative Chromosome aberration test in vivo Species: Rat Method: OECD Test Guideline 475 GLP: yes |
| Carcinogenicity IARC | No data available |
| Carcinogenicity ACGIH | No data available |
| Carcinogenicity NTP | No data available |
| Carcinogenicity OSHA | No data available |
| Reproductive Toxicity | Species: Rat Application Route: Oral Group: yes 1,000 mg/kg 1,000 mg/kg Method: OECD Test Guideline 414 GLP: yes Remarks: not teratogenic |
| Specific Target Organ Toxicity - Single Exposure | No data available |
| Specific Target Organ Toxicity - Repeated Exposure | No data available |
| Aspiration Hazard | No data available |

Section 12: Ecological Information

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| Toxicity | Toxicity to fish (LC50) : 520 mg/l Species: Salmo trutta Acute toxicity Exposure time: 96 h Method: OECD Test Guideline 203 GLP: yes Toxicity to daphnia and other aquatic invertebrates (EC50) : 77 mg/l Species: Daphnia magna (Water flea) Immobilization Exposure time: 48 h Method: OECD Test Guideline 202 Toxicity to algae (ErC50) : 105.7 mg/l Species: Desmodesmus subspicatus (green algae) Growth inhibition Exposure time: 72 h Test Type: Growth inhibition Method: OECD Test Guideline 201 Toxicity to bacteria (EC50) : 120 mg/l Species: Pseudomonas putida Growth inhibition Test Type: Growth inhibition Method: DIN 38412 Part 8 |
| Persistence and Degradability | Test Type: OECD Screening Test Result: Readily biodegradable Biodegradation: 100 % Exposure time: 14 d Method: OECD Test Guideline 301 E |
| Bio-accumulative Potential | No data available. Partition coefficient: n-octanol/water : log Pow: -2.34 (25 Å°C) Method: OECD Test Guideline 117 GLP: yes |
| Mobility in Soil | No data available |
| Other Adverse Effects | No data available |

Section 13: Disposal Considerations

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| Waste Treatment Methods Product | Dispose of in accordance with local regulations. Contact waste disposal services |
| Waste Treatment Methods Packaging | Dispose of as unused product. |
| Special Precautions Landfill or Incinerations | No data available |
| Other Information | No data available |

Section 14: Transport Information

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| UN Number | Not dangerous goods. |
| UN Proper Shipping Name | N/A |
| Transport Hazard Class(es) | N/A |
| Packaging Group | N/A |
| Environmental Hazards | N/A |

Section 15: Regulatory Information

WHMIS Classification : D2B: Toxic Material Causing Other Toxic Effects EPCRA - Emergency Planning and Community Right-to-Know Act SARA 311/312 Hazards : Acute Health Hazard SARA 302 No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302. SARA 313 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. US State Regulations Massachusetts Right To Know No components are subject to the Massachusetts Right to Know Act. Pennsylvania Right To Know No components are subject to the Pennsylvania Right to know act Pennsylvania Right To Know Nicotinic acid 59-67-6 90 - 100 % New Jersey Right To Know No components are subject to the New Jersey Right to know act New Jersey Right To Know Nicotinic acid 59-67-6 90 - 100 % California Prop 65 This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm. The components of this product are reported in the following inventories: DSL : All components of this product are on the Canadian DSL. TSCA : Product falls under a defined exemption. Inventories AICS (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), TSCA (USA)

Section 16: Other Information

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| Additional Information | N/A |
| Prepared By | Scarlotte Smith |
| Revision Date | 05/15/2019 13:29 |

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