


Section 1: Identification

Common Name/Trade Name	NIACINAMIDE 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)	Nicotinamide, 3-Pyridinecarboxamide	
Relevant Use(s) of Product	Manufacture or Compounding of Substances	

Section 2: Hazards Identification

Classification of Substance or Mixture	Skin irritation (Category 2), Serious eye damage/eye irritation (Category 2), Specific target organ toxicity - single exposure (Category 3), Specific target organ toxicity (repeated exposure) (Category 2)	
Signal Word	Warning	
Hazard Statement(s)	H315 Causes skin irritation H319 Causes serious eye irritation H335 May cause respiratory irritation H336 May cause drowsiness or dizziness H373 May cause damage to organs through prolonged or repeated exposure	
Pictogram(s)		
Precautionary Statement(s)	P260 Do not breathe dust/fume/gas/mist/vapours/spray. P264 Wash hands thoroughly after handling. P271 Use only outdoors or in a well-ventilated area. P280 Wear protective gloves/protective clothing/eye protection/face protection. P302+P352 IF ON SKIN Wash with soap and water. P304+P340 IF INHALED Remove victim to fresh air and keep at rest in a position comfortable for breathing. P305+P351+P338 IF IN EYES Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. continue rinsing. P312 Call a POISON CENTER or doctor/physician if you feel unwell. P314 Get Medical advice/attention if you feel unwell. P321 Specific treatment (see on this label). P332+P313 If skin irritation occurs Get medical advice/attention. P337+P313 If eye irritation persists Get medical advice/attention. P362 Take off contaminated clothing and wash before reuse. P403 Store in a well ventilated place. P405 Store locked up. P501 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

Chemical Name	Niacinamide
Common Name	Niacinamide
CAS Number	98-92-0
Impurities and/or Stabilizing Additives	No data available

Section 4: First Aid Measures

General Advice	Show this safety data sheet to the doctor in attendance.
If Inhaled	Move to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Consult a physician.
In Case of Skin Contact	Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. Wash contaminated clothing before reuse. Consult a physician
In Case of Eye Contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Consult a physician
If Swallowed	Rinse mouth. Never give anything by mouth to an unconscious person. Consult a physician.
Most Important Symptoms and Effects	No information available. Treat symptomatically.

Section 5: Fire Fighting Measures

Suitable Extinguishing Media	Water spray. Carbon dioxide (CO2). Dry chemical. Alcohol-resistant foam.
Special Hazards Arising From the Substance/Mixture	Thermal decomposition or combustion may produce hazardous gases and/or materials. Keep product and empty container away from heat and sources of ignition.
Special PPE and/or Precautions for Firefighters	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Section 6: Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures	Evacuate personnel to safe areas. Ensure adequate ventilation. Use personal protective equipment. Avoid contact with skin, eyes and clothing. In case of insufficient ventilation, wear suitable respiratory equipment.
Methods and Materials Used for Containment	Local authorities should be advised if significant spillages cannot be contained. Prevent further leakage or spillage if safe to do so. Do not allow material to contaminate ground water system. Prevent product from entering drains. Do not flush into surface water or sanitary sewer system. Should not be released into the environment.
Cleanup Procedures	Evacuate personnel to safe areas. Sweep up and shovel into suitable containers for disposal. Avoid dust formation. Clean contaminated surface thoroughly.

Section 7: Handling and Storage

Precautions for Safe Handling	Use only in an area equipped with a safety shower. Ensure that eyewash stations and safety showers are close to the workstation location. Ensure adequate ventilation. Do not breathe vapours/dust. Avoid contact with skin, eyes and clothing. Avoid repeated exposure.
Conditions for Safe Storage	Keep container tightly closed in a dry and well-ventilated place. Keep in properly labelled containers. Incompatible Materials Strong oxidizing agents.

Section 8: Exposure Controls/Personal Protection

Components with Workplace Control Parameters	This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.
Appropriate Engineering Controls	Ensure adequate ventilation, especially in confined areas. Handle in accordance with good industrial hygiene and safety practice.
PPE - Eye/Face Protection	Tightly fitting safety goggles.
PPE - Skin Protection	Wear protective gloves and protective clothing.
PPE - Body Protection	Wear protective gloves and protective clothing.
PPE - Respiratory Protection	In case of insufficient ventilation, wear suitable respiratory equipment.

Section 9: Physical and Chemical Properties

Appearance	White Crystalline Powder
Upper/Lower Flammability or Explosive Limits	No information available
Odor	Characteristic
Vapor Pressure	24 mmHg @ 25Â°C
Odor Threshold	No information available
Vapor Density	Not available
pH	No data available
Relative Density	No data available
Melting Point/Freezing Point	128 - 131 Â°C
Solubility	Water Solubility 58.5g/100ml @ 25 Â°C
Initial Boiling Point and Boiling Range	150 - 160 Â°C
Flash Point	182 Â°C
Evaporation Rate	Not available
Flammability (Solid, Gas)	No information available
Partition Coefficient	Not available
Auto-Ignition Temperature	480 Â°C Estimated
Decomposition Temperature	No data available
Viscosity	No information available

Section 10: Stability and Reactivity

Reactivity	Not applicable.
Chemical Stability	Stable under normal conditions.
Possibility of Hazardous Reactions	None under normal processing
Conditions to Avoid	Heat, flames and sparks. Avoid dust formation.
Incompatible Materials	Strong oxidizing agents.
Hazardous Decomposition Products	Carbon Oxides Nitrogen Oxides (NOx)

Section 11: Toxicological Information

Acute Toxicity - LD50 Oral	LD50 Oral - rat - 3,500 mg/kg ATEmix (oral) 3500 mg/kg
Acute Toxicity - Inhalation	No data available
Acute Toxicity - Dermal	> 2000 mg/kg (Rabbit)
Acute Toxicity - Eye	Irritating to eyes. Avoid contact with eyes.
Skin Corrosion/Irritation	May be harmful by skin contact. Irritating to skin. Avoid contact with skin.
Serious Eye Damage/Irritation	Irritating to eyes. Avoid contact with eyes.
Respiratory or Skin Sensitization	May be harmful by inhalation. Irritating to respiratory system. May cause irritation of the mucous membranes. Avoid breathing dust.
Germ Cell Mutagenicity	No data available
Carcinogenicity IARC	There are no known carcinogenic chemicals in this product.
Carcinogenicity ACGIH	There are no known carcinogenic chemicals in this product.
Carcinogenicity NTP	There are no known carcinogenic chemicals in this product.
Carcinogenicity OSHA	There are no known carcinogenic chemicals in this product.
Reproductive Toxicity	No information available.
Specific Target Organ Toxicity - Single Exposure	No information available
Specific Target Organ Toxicity - Repeated Exposure	No information available. Chronic Toxicity Avoid repeated exposure. Target Organ Effects.
Aspiration Hazard	No information available

Section 12: Ecological Information

Toxicity	Water Flea Data: > 1000 mg/L EC50
Persistence and Degradability	No information available
Bio-accumulative Potential	No information available
Mobility in Soil	No information available
Other Adverse Effects	No data available

Section 13: Disposal Considerations

Waste Treatment Methods Product	Contact waste disposal services. Dispose of in accordance with local regulations.
Waste Treatment Methods Packaging	Dispose of in accordance with local regulations. Empty containers should be taken for local recycling, recovery or waste disposal.
Special Precautions Landfill or Incinerations	No data available
Other Information	No data available

Section 14: Transport Information

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

U.S.A. (TSCA) Complies 100 % of the mixture consists of components(s) of unknown hazards to the aquatic environment Niacinamide USP 98-92-0 Canada (DSL) Complies EU (EINECS) Complies EU (ELINCS) Does not Comply Japan (ENCS) Complies China Complies Korea (KECL) Complies Philippines (PICCS) Complies Australia (AICS) Complies. SARA 313 Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372. SARA 311/312 Hazardous Categorization China Complies Niacinamide USP Present (5)-736 Acute Health Hazard Yes Present Present Chronic Health Hazard Yes Present Present Fire Hazard No Australia (AICS) Complies Sudden Release of Pressure Hazard No Reactive Hazard CWA (Clean Water Act) This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42) Federal Regulations Chemical Name U.S.A. (TSCA) Canada (DSL) CERCLA This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material California Proposition 65 This product does not contain any Proposition 65 chemicals. Present Present - SARA 313 Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372. State Right-to-Know This product does not contain any State Right-to-Know chemicals. EPA Pesticide Registration Number Not applicable WHMIS Statement This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

Section 16: Other Information

Additional Information	N/A
Prepared By	Lisa Russell
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Disclaimer

Letco Medical, LLC believes that the above information is correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. If the product is used as a component in another product, this information may not be applicable. NO WARRANTY OF FITNESS FOR ANY PARTICULAR PURPOSE, WARRANTY OF MERCHANTABILITY OR ANY OTHER WARRANTY, EXPRESSED OR IMPLIED, IS MADE CONCERNING THE INFORMATION PROVIDED ABOVE. Letco Medical shall not be held liable for any loss or damage resulting from handling, storage, use or from contact with the above product.