

Section 1: Identification

Common Name/Trade Name	FOLIC ACID	
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)	Vitamin B9, Pteroylglutamic acid; L-Glutamic acid, N-[4-[[[(2-amino-1,4-dihydro-4-oxo-6-pteridiny)methyl]amino]benzoyl]-;	
Relevant Use(s) of Product	Manufacture or Compounding of Substances	

Section 2: Hazards Identification

Classification of Substance or Mixture	Not a hazardous substance or mixture.
Signal Word	None
Hazard Statement(s)	N/A
Pictogram(s)	N/A
Precautionary Statement(s)	N/A
Hazards Not Otherwise Classified	No data available
Ingredient(s) with Unknown Toxicity	No data available

Section 3: Composition/Information on Ingredients

Chemical Name	L-Glutamic acid, N-[4-[[[(2-amino-1,4-dihydro-4-oxo-6-pteridiny)methyl]amino]benzoyl]-
Common Name	Folic acid
CAS Number	59-30-3
Impurities and/or Stabilizing Additives	No data available

Section 4: First Aid Measures

General Advice	No data available
If Inhaled	Move to fresh air. If breathing is difficult, give oxygen. Get medical attention immediately if symptoms occur.
In Case of Skin Contact	Wash off immediately with plenty of water for at least 15 minutes. Get medical attention immediately if symptoms occur.
In Case of Eye Contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Obtain medical attention.
If Swallowed	Do not induce vomiting. Obtain medical attention.
Most Important Symptoms and Effects	No data available

Section 5: Fire Fighting Measures

Suitable Extinguishing Media	Water spray. Carbon dioxide (CO2). Dry chemical. chemical foam.
Special Hazards Arising From the Substance/Mixture	No unusual fire or explosion hazards noted. Products of Combustion: These products are carbon oxides (CO, CO2), nitrogen oxides (NO, NO2...).
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	Ensure adequate ventilation. Use personal protective equipment.
Methods and Materials Used for Containment	Sweep up or vacuum up spillage and collect in suitable container for disposal
Cleanup Procedures	Sweep up or vacuum up spillage and collect in suitable container for disposal

Section 7: Handling and Storage

Precautions for Safe Handling	Avoid contact with skin and eyes. Do not breathe dust. Ensure adequate ventilation. Wear personal protective equipment
Conditions for Safe Storage	Preserve in well-closed, light resistant containers. Protected from light.

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. Ensure that eyewash stations and safety showers are close to the workstation location. Handle in accordance with good industrial hygiene and safety practice.
PPE - Eye/Face Protection	Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.
PPE - Skin Protection	Wear appropriate protective gloves and clothing to prevent skin exposure.
PPE - Body Protection	Wear appropriate protective gloves and clothing to prevent skin exposure.
PPE - Respiratory Protection	Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

Section 9: Physical and Chemical Properties

Appearance	Powder Solid. Yellow-orange.
Upper/Lower Flammability or Explosive Limits	No information available
Odor	Odorless
Vapor Pressure	< 0.0000001 kPa at 25 Å°C
Odor Threshold	No information available
Vapor Density	No information available
pH	4.0-4.8 (10% suspension)
Relative Density	No information available
Melting Point/Freezing Point	Softens, darkens, and chars above 250 Å° C.
Solubility	Slightly soluble in methanol, less soluble in ethanol and in butanol. Insoluble in acetone, in chloroform, in ether, and in benzene. Relatively soluble in acetic acid, in phenol, in pyridine, in solutions of alkali hydroxides, and in carbonates.
Initial Boiling Point and Boiling Range	No information available
Flash Point	No information available
Evaporation Rate	No information available
Flammability (Solid, Gas)	No information available
Partition Coefficient	No data available
Auto-Ignition Temperature	No information available
Decomposition Temperature	No information available
Viscosity	No information available

Section 10: Stability and Reactivity

Reactivity	None known, based on information available
Chemical Stability	Stable under normal conditions. Light sensitive.
Possibility of Hazardous Reactions	None under normal processing.
Conditions to Avoid	Avoid dust formation. Exposure to light. Incompatible
Incompatible Materials	Bases, Strong oxidizing agents
Hazardous Decomposition Products	Nitrogen oxides (NOx), Carbon monoxide (CO), Carbon dioxide (CO2)

Section 11: Toxicological Information

Acute Toxicity - LD50 Oral	10 gm/kg (Mouse)
Acute Toxicity - Inhalation	No data available
Acute Toxicity - Dermal	Not listed
Acute Toxicity - Eye	No data available
Skin Corrosion/Irritation	No data available
Serious Eye Damage/Irritation	No data available
Respiratory or Skin Sensitization	No information available
Germ Cell Mutagenicity	Rat lymphocyte Cytogenetic analysis rat Unscheduled DNA synthesis
Carcinogenicity IARC	Not listed
Carcinogenicity ACGIH	Not listed
Carcinogenicity NTP	Not listed
Carcinogenicity OSHA	Not listed
Reproductive Toxicity	No information available.
Specific Target Organ Toxicity - Single Exposure	None known
Specific Target Organ Toxicity - Repeated Exposure	None known
Aspiration Hazard	No information available

Section 12: Ecological Information

Toxicity	No data available
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	Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification.
Waste Treatment Methods Packaging	Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification.
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

International Inventories: TSCA-Listed, DSL-Listed, NDSL-, EINECS: 200-4 19-0, ELINCS-, NLP-, PICCS-Listed, ENCS-, AICS-Listed, IECSC-Listed, KECL-Listed. U.S. Federal Regulations: TSCA 12(b): Not applicable, SARA 313: Not applicable, OSHA: Not applicable, WHMIS Hazard Class: Non-controlled.

Section 16: Other Information

Additional Information	N/A
Prepared By	Lisa Russell
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