

I Identification

Product Name: **Folic Acid**

Catalog Number: **F009**

Synonyms: **Pteroylglutamic Acid, Vitamin B11**

Company: **Caisson Laboratories**

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Recommended Use:

Restrictions On Use:

II Hazard(s) Identification

Overview:

Flammability:

Reactivity:

Toxicity:

NFPA Rating

Health: **1**

Flammability: **1**

Reactivity: **0**

Special:

Pictograms:

III Composition / Information on Ingredients

General Information: **Molecular Formula: C₁₉H₁₉N₇O₆ (anhydrous basis)**

Molecular Weight: 441.40 (anhydrous basis)

Component:

CAS#: **75708-92-8 (dihydrate) 59-30-3 (anhydrous)**

% by Weight:

IV First-Aid Measures

General Information: **Slightly hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation.**

Route of Exposure

Oral: **If swallowed, wash out mouth with water. Never give anything by mouth to an unconscious person. Seek medical attention**

Inhalation: **If inhaled, remove individual to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.**

Dermal: **In case of skin contact, wash with soap and copious amounts of water. Seek medical attention if irritation develops.**

Eye: **In case of eye contact, flush eyes immediately with copious amounts of water for at least 15 minutes. Seek medical attention if irritation develops.**

V Fire-Fighting Measures

General Information:

Flammable Properties

General:

Flash Point: **n/a**

Ignition Temperature: **n/a**

Suitable Extinguishing Media: **Use DRY chemical powder, water spray, fog or foam. Do not use water jet.**

Special Protective Equipment for fire fighters: **Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.**

Additional Information:

VI Accidental Release Measures

General Information: **Use appropriate tools to put the spilled material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.**

VII Handling and Storage

Handling: **Keep away from heat. Keep away from sources of ignition. Wash thoroughly after handling.**

Storage: **Keep in a tightly closed container, stored in a cool, dry, ventilated area. Hygroscopic. Sensitive to light. Store in light-resistant container.**

VIII Exposure Controls / Personal Protection

General Information:

Engineering Measures: **Use chemical fume hoods, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.**

Personal Protective Equipment

General:

Eye Protection: **Wear safety glasses or goggles.**

Hand Protection: **Wear protective gloves.**

Respiratory Protection: **Wear an approved/certified dust respirator or equivalent.**

Skin and Body Protection: **Wear clean body-covering clothing.**

Hygiene Measures: **Wash thoroughly after handling.**

IX Physical and Chemical Properties

General Information:

Appearance: **Solid**

pH:

Specific Gravity:

Melting Point:

Boiling Point:

Flash Point: **n/a**

Flammability Range:

Vapor Pressure:

X Stability and Reactivity

General Information:

Storage Stability

Temperature: **Room Temperature**

Light Sensitive: **True**

Incompatibles: **Excess heat, light, strong oxidizers.**

Hazardous Decomposition Products: **Carbon dioxide, carbon monoxide are products of combustion.**

XI	Toxicological Information
<p>General Information:</p> <p>Acute Toxicity: LD50: 10000 mg/kg (Mouse)</p> <p>Chronic Toxicity:</p> <p>Local Effects:</p> <p>Target Organs:</p> <p>Carcinogenicity:</p> <p>OSHA Permissible Exposure Limits:</p>	
XII	Ecological Information
<p>General Information:</p>	
XIII	Disposal Considerations
<p>General Information: Dispose of in accordance with federal, state and local environmental control regulations.</p> <p>Disposal of Product:</p> <p>Disposal of Packaging:</p>	
XIV	Transport Information
<p>Proper Shipping Name: Not regulated</p> <p>UN#:</p> <p>Class:</p> <p>Packaging Group:</p> <p>Hazard Label:</p>	
XV	Regulatory Information
<p>General Information:</p> <p>TSCA:</p> <p>SARA 313:</p>	
XVI	Other Information
<p>General Information: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Caisson Laboratories, Inc. Shall not be held liable for any damage resulting from handling or from contact with the above product.</p>	

Last Revision Date: 8 May, 2013