

AERCHEM INC.
320 North Walnut
Bloomington,IN 47404

Telephone: 812.334.9996

Fax: 812.334.1960

Emergency: 800.424.9300

Effective Date: 09/29/99

Product Name: Folic Acid

Chemical Family: Vitamin

CAS No.: 7439-89-6

Physical Data:

Melting point (range) Approx.:	1535 °C (2795 °F)
Boiling point:	2750.0 °C (4982 °F)
Specific Gravity (Water=1):	7.8 (water=1)
pH (depends on quality):	Not applicable
Solubility in water:	Insoluble in cold or hot water
Molecular Weight:	55.8
Physical Form:	Granular powder, Odorless.

Fire and Explosion Information:

Flash point:	This material does not burn or give a flash point by conventional test methods
(Auto) Ignition temperature:	Not applicable
Extinguishing media to be recommended:	Use a nozzle to spray water.
to be avoided:	Do not use foam or carbon dioxide.
Products of combustion:	Some metallic oxides:

Fire and explosions hazards: As with any finely granulated product(i.e. flour) a risk of fire is present should this material be dispersed in air and exposed to a source of ignition.

Reactivity Data: Stable X Unstable _____.

Incompatibilities: Avoid contact with oxidizers and reducing agents

Handling and Storage Information:

Precautions: Avoid contact with skin and eyes. Do not breath dust. Do not ingest.

Storage: Do not store in unlabelled containers. Empty containers may contain product residue. Do not reuse without adequate precautions.

Leak/Spill Information:

Small Spill: No special procedures are required for clean-up of spills of leaks of this material. Avoid methods that result in water pollution.

Large Spill: Use a shovel to put the material into a convenient waste disposal container.

Disposal Considerations:

Waste Disposal: Consult your local or regional authorities

Health Hazard Information:

A. Exposure/Health Effects

Inhalation: Over-exposure by inhalation may cause respiratory irritation. This product may irritate eyes

(conjunctivitis, retina) and skin upon contact
Ingestion: Not a normal exposure route, but could induce gastric problems.

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Chronic Exposures:

Repeated inhalation of dust can produce varying degrees of respiratory irritation or lung damage.

B. First Aid:

Inhalation: Allow the victim to rest in a well ventilated area. Seek medical attention if breathing difficulties persist.

Ingestion: Have conscious person drink several glasses of water or milk. Seek medical attention

Skin Contact: Wash gently and thoroughly the contaminated skin with running water and non-abrasive soap. Get medical attention if irritation persists.

Eye Contact: Check to remove any contacts lenses. IMMEDIATELY flush eyes with running water for at least 15 minutes keeping eyelids open. Get medical attention.

C. Toxicity Data

Occupational Control Measures:

Airborne Exposure Limited: Use enclosed 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 levels below recommended exposure limits.

Personal Protection: Wear safety glasses or chemical goggles. Wear protective clothing. Use approved respiratory clothing/coveralls. Use approved respiratory protection when airborne exposure limits are exceeded (dust mask/protective gloves). Exposure limits: twa(1993) 15 MG/M3 1-OSHA base on Iron powder for total dust as particulate. Not otherwise regulated (PNOR).
