

SAFETY DATA SHEETS

This SDS packet was issued with item:

078783867

N/A

MATERIAL SAFETY DATA SHEET

Folic Acid Powder
AHC Products, Inc.

PRODUCT NAME: (As used on label and list): Folic Acid Powder

This Material Safety Data Sheet is being provided to your company, for the purpose of providing current health and safety information to your management and employees who work with this product. Please read the data provided and then provide it to those individuals at your company who have the responsibility to insure compliance with both Federal and State Right to Know regulations, and to those employees that request information on this product.

Federal Regulations: Parts 29 and 42 Code of Federal Regulations

Date Prepared: 01/01/00

SECTION I – PRODUCT IDENTIFICATION

MANUFACTURER: AHC Products, Inc.

AHC Products, Inc.
301 West Broadway
Winchester, Kentucky
859/737-3441

SECTION II – HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

HAZARDOUS COMPONENT (Specific Chemical Identity; Common Names): N/A

OTHER LIMITS RECOMMENDED: N/A

SECTION III – PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: N/A

VAPOR PRESSURE (MM HG): N/A

VAPOR DENSITY (AIR=1): N/A

SPECIFIC GRAVITY (H₂O=1): N/A

MELTING POINT: Darkens and chars from about 250 deg C

EVAPORATION RATE (BUTYL ACETATE=1): N/A

SOLUBILITY IN WATER: 0.0016 mg/ml at 25 deg C

APPEARANCE AND ODOR: Odorless, yellow-yellowish orange crystalline powder

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): N/A

FLAMMABLE LIMITS: N/A

EXTINGUISHING MEDIA: N/A

SPECIAL FIRE FIGHTING PROCEDURES: N/A

UNUSUAL FIRE AND EXPLOSION HAZARDS: N/A

SECTION V – REACTIVITY DATA

STABILITY: Stable

CONDITIONS TO AVOID: N/A

INCOMPATIBILITY (MATERIALS TO AVOID): N/A

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: N/A

HAZARDOUS POLYMERIZATION: Will not occur

SECTION VI – HEALTH HAZARD DATA

ROUTES OF ENTRY:

INHALATION: Yes

SKIN: Yes

INGESTION: Yes

HEALTH HAZARDS ACUTE TOXICITY LD50 ORAL: >500 MG/KG (IV in rat)

CARCINOGENICITY: N/A

SIGNS AND SYMPTOMS OF EXPOSURE:

INGESTION: N/A

INHALATION: Dust may stimulate the nasal mucosa.

SKIN CONTACT: Contact with eyes and skin rarely causes irritation.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

EMERGENCY AND FIRST AID PROCEDURES:

INGESTION: Occurs drink large volumes of water, induce vomiting, get medical attention.

INHALATION: N/A

SKIN CONTACT: Wash thoroughly

EYE CONTACT: Flush with plenty of water and get medical attention

SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Wipe up or wash off.

WASTE DISPOSAL METHOD: Dispose of in an approved landfill, or send to a licensed disposal facility.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Store in a cool, dry place, away from sunlight and moisture. Deterioration may occur when exposed to heat, strong light and moisture.

SECTION VIII – CONTROL MEASURES

RESPIRATORY PROTECTION: Masks are recommended.

VENTILATION: N/A

PROTECTIVE GLOVES: Use gloves

EYE PROTECTION: Safety glasses are recommended

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Lab coat or other protective clothing recommended.

WORK AND/OR HYGIENIC PRACTICES: Wash thoroughly before and after handling.

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Safety Data Sheet

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product Identifier

Product name: Folic Acid Powder

Product form: Powder

1.2 Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture: source of folic acid

1.3 Details of the supplier of the safety data sheet

Name: AHC PRODUCTS, INC.
Address: 301 W BROADWAY STREET
WINCHESTER, KY 40391

Telephone: (859) 737-3441

1.4 Emergency telephone number:

(859) 737-3441

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

GHS-US classification: There are no hazardous ingredients present in this mix at levels greater than 1%. This is a non-hazardous mix according to OSHA standards.

2.2 Label Elements

GHS-US Labeling: n/a

Hazard pictograms (GHS-US)

Signal word (GHS-US)

Hazard Statements (GHS-US)

Precautionary statements (GHS-US)

2.3 Other Hazards

Other hazards not contributing to the classification: none known

2.4 Unknown Acute Toxicity (GHS US)

None known



Safety Data Sheet

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances folic acid, calcium carbonate, roughage products, mineral oil

3.2 Mixture n/a

Name	Product identifier	%	GHS-US Classification

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

First-aid measures general: Clean affected area well. If symptoms persist contact health professional

First-aid measures after inhalation: Immediately move to fresh air away from irritant.

First-aid measures after skin contact: Wash hands in accordance with good health procedures.

First-aid measures after eye contact: Flush eyes with water.

First-aid measures after ingestion: First steps should include evaluation of the airway and administration of supplemental oxygen, if necessary. Ingested substances need to be diluted with water or milk as soon as possible unless the airway is compromised.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms/injuries after inhalation: dust irritation, cough, lung irritation, acute cases may experience restrictions in breathing

Symptoms/injuries after skin contact: rash, redness, skin irritation at contact site, itchiness. Severe cases may include inflammation and swelling.

Symptoms/injuries after eye contact: Redness, burning, dryness, blurred vision

Symptoms/injuries after ingestion: Nausea, Indigestion, diarrhea, gastrointestinal upset

Chronic symptoms: n/a

4.3 Indication of any immediate medical attention and special treatment needed

Restricted breathing, impaired vision, vomiting, dehydration.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media-

5.2 Special hazards arising from the substance or mixture



Safety Data Sheet

5.3 Advice for firefighters Wear fully protective clothing and use self-contained breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions protective equipment and emergency procedures

Wear NIOSH approved equipment suitable for nuisance dust. Protective gloves, rubber or latex. Eye protection. Avoid direct inhalation.

6.1.1 For non-emergency personnel

Protective equipment: Wear NIOSH approved equipment suitable for nuisance dust.

6.1.2 For emergency responders

Protective equipment: Wear fully protective clothing and use self-contained breathing apparatus.

Emergency procedures: In accordance with Federal, State and Local regulations.

6.2 Environmental precautions:

Salvage if not contaminated

6.3 Methods and material for containment and cleaning up:

In accordance with federal, state and local regulations

6.4 Reference to other sections:

Section 4: First Aid Measures

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling: Keep tightly sealed and store in a dry place out of direct sunlight

Additional hazards when processed: none known

Precautions for safe handling: Keep container closed when not in use. KEEP OUT OF REACH OF CHILDREN. Not intended for human use.

Hygiene measures: none known

7.2 Conditions for safe storage including any incompatibilities:

Storage conditions: Dry area out of direct sunlight

Incompatible products: none known

Incompatible materials: none known

Storage area: Dry area out of direct sunlight

Packaging materials: Plastic jar or pail with plastic closure, may include corrugated box with biodegradable peanuts.

7.3 Specific end use(s)

FOR ANIMAL CONSUMPTION ONLY

SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION

8.1 Control parameters RESPIRATORY PROTECTION (SPECIFIC TYPE): Wear NIOSH approved equipment suitable for nuisance dust.

VENTILATION:



Safety Data Sheet

LOCAL EXHAUST: Use to minimize nuisance dust.

MECHANICAL (GENERAL):

SPECIAL:

OTHER:

PROTECTIVE GLOVES: Rubber or Latex

EYE PROTECTION: Chemical glasses or goggles

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: In accordance with good hygiene.

WORK AND/OR HYGIENIC PRACTICES: Wash hands in accordance with good health procedures.

8.2 Exposure controls **RESPIRATORY PROTECTION (SPECIFIC TYPE):** Wear NIOSH approved equipment suitable for nuisance dust.

VENTILATION:

LOCAL EXHAUST: Use to minimize nuisance dust.

MECHANICAL (GENERAL):

SPECIAL:

OTHER:

PROTECTIVE GLOVES: Rubber or Latex

EYE PROTECTION: Chemical glasses or goggles

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: In accordance with good hygiene.

WORK AND/OR HYGIENIC PRACTICES: Wash hands in accordance with good health procedures.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state: powder

Appearance: yellow powder

Color: yellow

Odor: grainy

Odor threshold:

pH: n/a

Relative evaporation rate (butylacetate=1): Nil

Melting point: n/a

Freezing point: n/a

Boiling point: n/a

Flash point: Undetermined

Self-ignition temperature: Undetermined

Decomposition temperature: Undetermined

Flammability (solid, gas): Non Flammable

Vapor pressure: n/a

Relative vapor density at 20° C: n/a

Relative density: n/a

Density: n/a

Solubility: Nil

Log Pow: n/a

Log Kow: n/a

Viscosity, kinematic: n/a

Viscosity, dynamic: n/a

Explosive properties: n/a

Oxidizing properties: n/a

Explosive limits: n/a



Safety Data Sheet

9.2 Other information

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity None known

10.2 Chemical stability Stable

10.3 Possibility of hazardous reactions none known

10.4 Conditions to avoid Airborne concentrations of dust greater than 20-grams/cubic meter combined with sources of ignition.

10.5 Incompatible materials avoid oxidation as it may effect potency of vitamins

10.6 Hazardous decomposition products none known

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Skin corrosion/irritation: may occur in rare cases
Serious eye damage/irritation: may occur in rare cases
Respiratory or skin sensitization: may occur in rare cases
Germ cell mutagenicity: n/a
Carcinogenicity: n/a
Reproductive toxicity: n/a
Specific target organ toxicity (single exposure) none known
Specific target organ toxicity (repeated exposure) none known
Aspiration hazard: may occur in rare cases
Symptoms/injuries after inhalation: in rare cases: difficulty breathing, shortness of breath
Symptoms/injuries after skin contact: in rare cases: redness, irritation, inflammation at area of contact
Symptoms/injuries after eye contact: in rare cases: redness, vision impairment, dryness
Symptoms/injuries after ingestion: in rare cases: gastrointestinal upset, vomiting, diarrhea, indigestion.
Chronic symptoms: none known

SECTION 12: ECOLOGICAL INFORMATION (NON- MANDATORY)

12.1 Toxicity

12.2 Persistence and degradability

12.3 Bio accumulative potential

12.4 Mobility in soil

12.5 Other adverse effects



Safety Data Sheet

SECTION 13: DISPOSAL CONSIDERATIONS (NON-MANDATORY)

13.1 Waste treatment methods

Waste disposal recommendations: In accordance with local, state and federal regulations.

Additional information:

Ecology – waste materials:

SECTION 14: TRANSPORT INFORMATION (NON-MANDATORY)

In accordance with ADR/RID/IMDG/IATA

14.1 UN number

UN-No. (DOT)

DOT NA no.:

14.2 UN proper shipping name

DOT Proper Shipping Name:

Department of Transportation (DOT) Hazard:

Classes

Hazard Label (DOT):

DOT Symbols:

Packing group (DOT):

DOT Special Provisions (49 CFR 172.102)

DOT Packaging Exceptions (49 CFR 173.xxx):

DOT Packaging Non Bulk (49 CFR 173.xxx):

DOT Packaging Bulk (49 CFR 173.xxx):

14.3 Additional Information

Other information:

[Overland transport](#)

[Transport by sea](#)

DOT Vessel Stowage Location:

DOT Vessel Stowage Other:

[Air Transport](#)

DOT Quantity Limitations Passenger aircraft/rail:

DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75)

SECTION 15: REGULATORY INFORMATION (NON-MANDATORY)

15.1 US Federal regulations



Safety Data Sheet

Federal Regulations: Parts 29 and 42 Code of Federal Regulations

15.2 International regulations

CANADA

EU-Regulations

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Classification according to Directive 67/548/EEC or 1999/45/EC

15.2.2.National Regulations

15.3 US State Regulations

SECTION 16: OTHER INFORMATION

All information appearing herein is based upon data obtained from the manufacturer and/or recognized technical sources. While the information is believed to be accurate, AHC Products, Inc. makes no representations as to its accuracy or sufficiency. Conditions of use are beyond AHC Products, Inc. control and therefore users are responsible to verify this data under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume all risk of their use, handling, and disposal of the product, or from the publication or use of, or reliance upon, information contained herein.

This information relates only to the product designated herein, and does not relate to its use in combination with any other material or in any other process.

Prepared: 10/14/16

Preparer: T. Navarro

Pedigree: 10/14/16- Initialization