



chem-supply

Safety Data Sheet

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Infosafe No™ 3CH9D	Issue Date : August 2012	ISSUED by CHEMSUPP
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Product Name **FOLIC ACID**

Not classified as hazardous

1. Identification

GHS Product Identifier FOLIC ACID

Product Code FP008

Company Name CHEM-SUPPLY PTY LTD (ABN 19 008 264 211)

Address 50 Bedford Street GILLMAN
SA 5013 Australia

Telephone/Fax Number Tel: (08) 8440-2000

Fax: (08) 8440-2001

Recommended use of the chemical and restrictions on use Biochemical research/analysis. Laboratory chemical.

Other Names

NameProduct Code

Other Information

Vitamin B9

EMERGENCY CONTACT NUMBER: +61 08 8440 2000

Business hours: 8:30am to 5:00pm, Monday to Friday.

Chem-Supply Pty Ltd does not warrant that this product is suitable for any use or purpose. The user must ascertain the suitability of the product before use or application intended purpose. Preliminary testing of the product before use or application is recommended. Any reliance or purported reliance upon Chem-Supply Pty Ltd with respect to any skill or judgement or advice in relation to the suitability of this product of any purpose is disclaimed. Except to the extent prohibited at law, any condition implied by any statute as to the merchantable quality of this product or fitness for any purpose is hereby excluded. This product is not sold by description. Where the provisions of Part V, Division 2 of the Trade Practices Act apply, the liability of Chem-Supply Pty Ltd is limited to the replacement of supply of equivalent goods or payment of the cost of replacing the goods or acquiring equivalent goods.

2. Hazard Identification

GHS classification of the substance/mixture AUSTRALIA

Not classified as hazardous according to the criteria of ASCC (formly NOHSC).

Classified as dangerous goods according to the ADG Code.

3. Composition/information on ingredients

Chemical Characterization Solid

Ingredients	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>	<u>Hazard Symbol</u>	<u>Risk Phrase</u>
	Folic Acid	59-30-3	97-100 %		

4. First-aid measures

Inhalation Remove victim to fresh air. If breathing is difficult, give oxygen. If breathing has stopped, apply artificial respiration. Seek medical advice if effects persist.

Ingestion Do not induce vomiting. Rinse mouth with water. Give plenty of water to drink. Never give anything by mouth to an unconscious person. Seek medical attention.

Skin Remove contaminated clothing and wash affected skin with soap and water. Seek medical attention.

Eye contact If contact with the eye(s) occurs, wash with copious amounts of water for approximately 15 minutes holding eyelid(s) open. Take care not to rinse contaminated water into the non-affected eye. Seek medical attention.

First Aid Facilities Maintain eyewash fountain and safety shower in work area.

Advice to Doctor Treat symptomatically and supportively.

5. Fire-fighting measures



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Specific Methods	Small fire: Use dry chemical, CO2, water spray or foam. Large fire: Use water spray, fog or foam. If safe to do so, move undamaged containers from the fire area. Cool containers with flooding quantities of water until well after the fire is out.
Precautions in connection with Fire	Wear SCBA and structural firefighter's uniform.

6. Accidental release measures

Spills & Disposal	Stop leak if safe to do so. Ensure adequate ventilation. Prevent entry into waterways, drains, confined areas. Prevent dust cloud. Use clean non-sparking tools to collect material and place it into loosely-covered plastic containers for later disposal. SEEK EXPERT ADVICE ON HANDLING AND DISPOSAL.
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7. Handling and storage

Precautions for Safe Handling	Use in a well ventilated area. Avoid contact with skin and eyes. Do not breathe dust. Do not breathe vapours or spray mist. Ensure a high level of personal hygiene is maintained when using this product. That is; always wash hands before eating, drinking, smoking or using the toilet.
Conditions for safe storage, including any incompatibilities	Keep in a cool, dry and well-ventilated area. Keep container tightly closed and away from direct sunlight.

8. Exposure controls/personal protection

Other Exposure Information	A time weighted average (TWA) concentration for an 8 hour day, and 5 day week has not been established by NOHSC Australia for this product. There is a blanket limit of 10 mg/m3 for dusts or mists when limits have not otherwise been established.
Appropriate engineering controls	Provide sufficient ventilation to ensure that the working environment is below the TWA (time weighted average). Where vapours or mists are generated, particularly in enclosed areas, and natural ventilation is inadequate, a flame proof exhaust ventilation system is required. Refer to AS 1940-The storage and handling of flammable and combustible liquids and AS 2430-Explosive gas atmospheres for further information concerning ventilation requirements.
Respiratory Protection	Where ventilation is not adequate, respiratory protection may be required. Avoid breathing dust, vapours or mists. Respiratory protection should comply with AS 1716 - Respiratory Protective Devices and be selected in accordance with AS 1715 - Selection, Use and Maintenance of Respiratory Protective Devices. Filter capacity and respirator type depends on exposure levels. In event of emergency or planned entry into unknown concentrations a positive pressure, full-facepiece SCBA should be used. If respiratory protection is required, institute a complete respiratory protection program including selection, fit testing, training, maintenance and inspection.
Eye Protection	The use of a face shield, chemical goggles or safety glasses with side shield protection as appropriate. Must comply with Australian Standards AS 1337 and be selected and used in accordance with AS 1336.
Hand Protection	Hand protection should comply with AS 2161, Occupational protective gloves - Selection, use and maintenance.
Personal Protective Equipment	Clean clothing or protective clothing should be worn, preferably with and apron. Clothing for protection against chemicals should comply with AS 3765 Clothing for Protection Against Hazardous Chemicals.

9. Physical and chemical properties

Form	Solid
Appearance	Yellow-orange crystalline powder.
Odour	Odourless.
Melting Point	250°C
Solubility in Water	Insoluble in water.
Specific Gravity	1.59
pH	4.0-4.8



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Molecular Weight 441.4

10. Stability and reactivity

Chemical Stability Stable under normal conditions of use and storage. Light sensitive.**Conditions to Avoid** Avoid dust formation, exposure to light, incompatible materials.**Incompatible Materials** Bases, strong oxidising agents.**Hazardous Decomposition Products** Nitrogen oxides (NO_x), carbon monoxide (CO), carbon dioxide (CO₂).**Hazardous Polymerization** Will not occur.

11. Toxicological Information

Inhalation Inhalation may be harmful.
May aggravate pre-existing respiratory conditions.**Ingestion** Not likely to be hazardous if ingested.**Skin** Contact with skin may result in irritation.**Eye** May be an eye irritant.

12. Ecological information

Ecological Information No ecology data available for this product.

13. Disposal considerations

Disposal Considerations Dispose of according to relevant local, state and federal government regulations.

14. Transport information

Transport Information Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

15. Regulatory information

16. Other Information

Literature References

Commonwealth Department of Health and Aged Care, 'Standard for the Uniform Scheduling of Drugs and Poisons No. 20', Commonwealth of Australia, Canberra 2005.

Lewis, Richard J. Sr. 'Hawley's Condensed Chemical Dictionary 13th. Ed.', Rev., John Wiley & Sons, Inc., NY, 1997.

National Road Transport Commission, 'Australian Dangerous Goods Code 6th. Ed.', AGPS, Canberra, 1998.

South Australia Government, 'Approved Code of Practice for the Labelling of Workplace Substances', 1995.

Standards Australia 'AS 1940-2004 The Storage and Handling of Flammable and Combustible Liquids.

Standards Australia, 'SAA/SNZ HB 76:2004 Dangerous Goods - Initial Emergency Response Guide', Standards Australia/Standards New Zealand, August 2004.

Worksafe Australia, 'Approved Criteria for Classifying Hazardous Substances [NOHSC:1008(2004)]', AusInfo, Canberra 2004.

Worksafe Australia, 'Hazardous Substances Information System, 2005'.

Worksafe Australia, 'National Code of Practice for the Labelling of Workplace Substances [NOHSC:2012(1994)]', AGPS, Canberra 1994.

Worksafe Australia, 'National Exposure Standards for Atmospheric Contaminants in the Occupational Environment [NOHSC:1003(1995)]', AusInfo, Canberra 1995.

Contact Person/Point Paul McCarthy Ph. (08) 8440 2000

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**Empirical Formula
& Structural
Formula**

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