



SAFETY DATA SHEET

Biotin 10% on Dicalcium Phosphate; F080015

1. PRODUCT AND MANUFACTURER IDENTIFICATION

Product Name: **Biotin 10% on Dicalcium Phosphate**
Product Code: **F080015**
Manufacturer: **Watson, Inc.**
Address: **301 Heffernan Dr., West Haven, Connecticut 06516 USA**
Emergency Phone: **203/932-3000**
Information Phone: 203/932-3000
Information Fax: 203/932-8266
Information E-Mail: order@watsonfoods.com
Date prepared: January 16, 2015

2. PRODUCT INGREDIENT(S) COMPOSITION / INFORMATION

<u>Hazardous Component</u>	<u>Approx. %</u>	<u>CAS #</u>	<u>EINECS #</u>
NO Hazardous Components	N/A	N/A	N/A
Dicalcium phosphate	90%	7757-93-9	N/A
Biotin	10%	58-85-5	N/A

3. HAZARDOUS IDENTIFICATION

Hazardous Symbol: Not Applicable
Risk Phrases: Not Applicable
Safety Phrases: Not Applicable

4. FIRST AID MEASURES

Routes of entry: Signs / Symptoms - First Aid Measures

EYES: **For eye irritation, Flush eyes with water for 15 minutes.**

SKIN: **For skin irritation, Wash affected area with soap.**

INGESTION (large) **Ingestion of large doses may cause gastrointestinal disturbances. If needed get medical attention.**

INGESTION (small) **Inhalation of the dust may irritate respiratory tract. Remove affected person to fresh air. If needed get medical attention.**

5. FIRE FIGHTING MEASURES

Conditions of Flammability: **Not Applicable**

Unusual explosion and fire hazards: **Possible dust explosions when uniform mixture of dust and air (50 g per cubic meter of air) is ignited in a confined space.**

Extinguishing media: **Water fog, water spray, carbon dioxide**

Special fire-fighting procedures: **Evacuate personnel to safe area. Firefighters should use self-contained breathing equipment and protective clothing.**



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6. ACCIDENTAL RELEASE MEASURES

Steps to be taken if material is spilled or released: **Avoid dusting during cleanup.**

Environmental precautions: **Not Applicable**

Waste disposal: **Sweep or scoop up and remove into container for waste disposal in accordance with government regulations. Flush with water.**

7. HANDLING AND STORAGE

Handling: **Avoid contact with eyes, skin, and breathing dust. This material should be handled per label instructions to insure product integrity.**

Storage: **Store in closed containers. This material should be stored per the label instructions.**

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Hazardous Component	OSHA PEL mg.m3	ACGIH TLV mg.m3	DFG MAK mg.m3	OTHER mg.m3
NONE	Not Applicable	Not Applicable	Not Applicable	Not Applicable

c. respirable dust
q. total dust
N.A – Not available

Personal Protection:

Respiratory: Disposable dust respirators, when needed.
Ventilation: Local exhaust recommended.
Gloves: Rubber, when needed.
Eyes: Safety goggles or glasses, when needed.
Other: Protective clothing, eye fountain, normal GMP.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: free flowing powder
Odor and appearance: Typical Vitamin Odor, white to off white in color, free flowing powder
Boiling range: N/A
Freezing range: N/A
Percent volatile by weight: N/A
Flash Pont: N/A
Lower Explosive Limit: N/A
Upper Explosive Limit: N/A
Vapor pressure: N/A
Evaporation rate: N/A
Specific Gravity: N/A
pH value: N/A
Viscosity: N/A
Solubility in water: partially soluble in water



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10. STABILITY AND REACTIVITY

Stability:	Stable
Conditions to avoid:	Heat, open flames, sparks, heavy dusting.
Incompatibility:	None known
Hazardous polymerization:	Will not occur
Hazardous decomposition:	None known

11. TOXICOLOGICAL INFORMATION

Acute effects:	Persistent cough, possible difficulty in breathing.
Chronic effects:	No evidence of adverse effects from available information.
Carcinogenicity:	No evidence of adverse effects from available information.
Reproductive toxicity:	No evidence of adverse effects from available information.
Teratogenicity:	No evidence of adverse effects from available information.
Mutagenicity:	No evidence of adverse effects from available information.
Toxicologically synergistic products:	None known.

12. ECOLOGICAL INFORMATION

This product has not been evaluated for its ecotoxicity.

13. DISPOSAL CONSIDERATIONS

Follow Local, Provincial and Federal regulation.

14. TRANSPORTATION INFORMATION

RID/ADR:	Not known to be regulated.
IMDG division number:	Not known to be regulated.
IMDG code page number:	Not applicable.
UN number:	Not applicable.
UN class, packaging grade:	Not applicable.

15. REGULATORY INFORMATION

16. OTHER INFORMATION

This product should be stored, handled and used in accordance with Good Manufacturing Practices and in conformance with any Local, Provincial, and/or Federal legal regulations.

The information contained in this MSDS is based on data from sources considered to be reliable but since Watson Foods Company, Inc. can not guarantee the accuracy or completeness thereof, Watson Foods Company, Inc. urges each customer or recipient of this MSDS to become aware or understand the hazards associated with this product. The reader should consider consulting reference works or individuals who are experts in ventilation, toxicology or fire prevention as necessary or appropriate to use and understand the data in this MSDS.