

MATERIAL SAFETY DATA SHEET

Biotin 100 Powder Feed Supplement

AHC Products, Inc.

PRODUCT NAME: (As used on label and list): Biotin 100 Powder Feed Supplement

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: 11/16/1999

SECTION I – PRODUCT IDENTIFICATION

MANUFACTURER: AHC Products, Inc.

AHC Products, Inc.

301 West Broadway

Winchester, Kentucky

606/737-3441

CHEMICAL NAME AND SYNONYMS: D-Biotin; Calcium carbonate

FORMULA: D-Biotin (C₁₀H₁₆N₂O₃S); Calcium carbonate (CaCO₃);

Cas No: D-Biotin (58-85-5); Calcium carbonate (471-34-1);

SECTION II – HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

HAZARDOUS COMPONENT (Specific Chemical Identity; Common Names):

d-Biotin	>= 0.9%	Calcium Carbonate	40%
	<= 1.2%		

OTHER LIMITS RECOMMENDED:

No TLV (Threshold Limit Value, USA), STEL (Short Term Exposure Limit, USA), or PEL (Permissible Exposure Limit, USA), established by OSHA or ACGIH.

SECTION III – PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: N/A

VAPOR PRESSURE (MM HG): N/A

VAPOR DENSITY (Air=1): Not found

SPECIFIC GRAVITY (H₂O=1): Not found

MELTING POINT: N/A

EVAPORATION RATE:

SOLUBILITY IN WATER: Practically insoluble in water (calcium carbonate).

APPEARANCE AND ODOR: White to light yellow powder, has a slightly characteristic odor.

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): N/A

FLAMMABLE LIMITS: Not found

EXTINGUISHING MEDIA: Use water spray, carbon dioxide, dry chemical powder and polymer foam.

SPECIAL FIRE FIGHTING PROCEDURES: Not found

UNUSUAL FIRE AND EXPLOSION HAZARDS: Not found

SECTION V – REACTIVITY DATA

STABILITY: stable under normal conditions

CONDITIONS TO AVOID: Handling and storage around open flame or sources of ignition.

INCOMPATIBILITY (MATERIALS TO AVOID): Acids

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Not found

HAZARDOUS POLYMERIZATION: Not found

SECTION VI – HEALTH HAZARD DATA

EYE CONTACT: Direct contact with dust may cause eye irritation. Exposed eye should be flushed with copious amount of warm water thoroughly. Assure adequate flushing of the eyes by separating the eyelids with fingers. If irritation persists, seek medical advice.

SKIN CONTACT: Direct contact with dust may cause skin irritation. Repeated or prolonged contact with dust may cause skin reaction. Immediately wash exposed area with soap and copious amounts of water thoroughly. Remove contaminated clothing and shoes. If irritation persists, seek medical advice.

INHALATION: If signs of overexposure occur, remove the person to fresh air at once. If necessary, seek medical advice.

INGESTION: If swallowed, wash out mouth with water, and give water to drink. If necessary, seek medical advice.

CARCINOGENICITY: This material has not been tested for carcinogenicity by the NTP, and it is not listed as a carcinogen by the IARC, US EPA, or OSHA.

SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Immediately evacuate all persons from danger area. Notify safety personnel of spills. Experienced personnel in a manner that does not generate excessive dust should decontaminate area where spillage or contamination occurs. Clean-up personnel may need to wear self-contained breathing apparatus, rubber boots, and heavy rubber gloves. Sweep up, place in a bag and hold for waste disposal. Ventilate area and wash spill site after material pickup is complete.

WASTE DISPOSAL METHOD: Discard any waste product, residue, disposable container, liner, or spilled material in an environmentally acceptable manner that is in full compliance with all applicable state and local laws and regulations. Burn in a chemical incinerator equipped with an afterburner and scrubber.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

HANDLING: Avoid eye, skin and clothing contact and inhalation of this material dust as this material may cause eye, skin and respiratory irritation. Persons susceptible to allergies must not handle this material. Do not inhale this material dust. Wash hands thoroughly after handling. Avoid prolonged or repeated exposure.

STORAGE: Store in closed containers in a cool, dry and well-ventilated areas away from heat, all sources of ignition, and light. Keep tightly closed.

SECTION VIII – CONTROL MEASURES

RESPIRATORY PROTECTION: Wear NIOSH or MSHA approved respirators to protect from airborne material dust.

VENTILATION: A local mechanical exhaust system may be required if dust is anticipated. Use adequate ventilation to keep airborne concentrations of this material dust at low levels. Adequate ventilation should be provided during dust-generating activities.

PROTECTIVE GLOVES: The use of rubber gloves is advisable.

EYE PROTECTION: Do not get this material dust in eyes. Eye contact can be avoided by wearing close-fitting chemical safety glasses.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: The use of protective clothing may be worn to prevent impact of dust on the skin. Barrier creams can be used to protect against abrasion, skin sensitization, and dermatitis if protective gear is not available.

WORK AND/OR HYGIENIC PRACTICES: Use safety shower and eye bath after handling. Wash hands thoroughly before eating, drinking or smoking.

SECTION IX – TOXICOLOGICAL INFORMATION

ACUTE TOXICITY (*3): LD50 (rat,oral): 6450mg/kg (calcium carbonate)

MUTAGENICITY: Not found

CARCINOGENICITY: Not found

Although the information and recommendations set forth herein (hereinafter “information”) are presented in good faith and believed to be correct as of the date prepared. AHC Products, Inc. makes no representations as to the completeness or accuracy thereof. Information is provided upon the condition that the persons receiving same will make their own determination as to its suitability for their purposes prior to use. In no event will AHC Products, Inc. be responsible for damages of any nature whatsoever resulting from use of or reliance upon said information presented herein. No representations or warranties, either expressed or implied, of merchantability, fitness for a particular purpose or of any other nature are made hereunder with respect to information or the product to which information refers. **DISCLAIMER OR EXPRESSED AND IMPLIED WARRANTIES:** although reasonable care in the preparation of this document, we extend no warranties and make no representation as to the accuracy or completeness of the information contained herein, and assume no responsibility regarding the suitability of this information for the user’s intended purposes or for the consequences of its use. Each user should make a determination as to the suitability of the information for their particular purpose(s). A request has been made to the manufacturer to approve the contents of this material safety data sheet. Upon receipt of any changes a new MSDS will be made available.
