

Material Safety Data Sheet

May be used to comply with
 OSHA's Hazard Communication Standard,
 29 CFR 1910:1200. Standard must be
 consulted for specific requirements

U.S. Department of Labor

Occupational Safety and Health Administration
 (Non-Mandatory Form)
 Form Approved
 OMB No. 1218-0072

IDENTITY (As Used on Label and List) BIOTIN H-100		The information contained herein is based on data Considered accurate: however, no warranty either expressed or implied of any nature with respect to the product or the data is made.	
Section I			
Manufacturer's Name ANIMAL SCIENCE PRODUCTS		Emergency Telephone Number 1-800-424-9300 CHEMTREC	
Address (Number, Street, City, and ZIP Code) FM 1275 SOUTH, NACOGDOCHES, TX, 75963-1408		Telephone Number for Information 1-800-657-2324 ANIMAL SCIENCE PRODUCTS	
P.O. DRAWER 631408		Date Prepared 06/27/96	
		Signature of Preparer (optional)	
Section II-Hazardous Ingredients/Identity Information			
Ingredient	CAS#	Non hazardous	Percent
Rice Hulls	9005-25-8	H	64
Calcium Carbonate	68308-36-1	NH	33
Silica (amorphous)	7631-86-9	H	2
Biotin	58-85-5	NH	1
WARNING STATEMENTS: Dusts in high concentration may cause injury to skin, eyes, or respiratory tract.			
Section III - Physical/Chemical Characteristics			
Boiling Point: NA		Specific Gravity (H ² O = 1)	.35-.40 mg/1
Vapor Pressure (mm Hg.) 0		Melting Point	NA
Vapor Density (AIR = 1) NA		Evaporation Rate (Butyl Acetate = 1)	NA
Solubility in water: Soluble, except for biotin.		PH= 8.5	
Appearance and Odor: Fine beige to brown powder/ odorless.			
Section IV - Fire and Explosion Hazard Data			
Flash Point (Method Used):NA	Flammable Limits:	LEL NA	UEL NA
Extinguishing Media: Dry chemical, foam, CO ₂ .			
Special Fire Fighting Procedures: Wear a NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing. Cool containers exposed to fire with water.			
Unusual Fire and Explosion Hazard Dust may present an explosivity hazard.			

Section V - Reactivity Data			
Stability	Unstable		Conditions to Avoid: Avoid heat, open flame, static electricity and other sources of ignition. Avoid light and moisture.
	Stable	Stable	
Compatibility (Materials to Avoid): Strong acids. Strong bases, strong oxidizing materials.			
Hazardous Decomposition or Byproducts: On combustion, oxides of carbon, sulfur and nitrogen are emitted.			
Hazardous Polymerization	May Occur		Conditions to Avoid: NA
	Will Not Occur	Not known to polymerize under normal conditions.	
Section VI - Health Hazard Data			
Route(s) of Entry: Inhalation? Yes Skin? Yes Ingestion? Yes Eyes? Yes			
Oral LD50 mouse: 16000mg/kg			
Routes of Exposure:			
Eye contact: Dusts may cause foreign body irritation.			
Skin contact: Dusts may have a dehydrating effect.			
Skin absorption: No information found, but very little toxicity would be expected following dermal exposure.			
Inhalation: Inhalation of high concentrations of dust may cause irritation.			
Swallowing: Low oral toxicity.			
Emergency and First Aid Procedures:			
Eyes: Flush eyes with plenty of water holding eyelids apart to ensure flushing of the entire eye surface. Seek medical attention immediately.			
Skin: Wash contaminated areas with plenty of soap and water. Clothing and footwear should be decontaminated before reuse and discarded. Seek medical attention immediately.			
Inhalation: Remove person from contaminated area to fresh air. Resuscitate and/or administer oxygen as necessary. Seek medical attention immediately.			
Ingestion: NEVER give anything by mouth to an unconscious person. Have conscious person drink several glasses of water, then induce vomiting by tickling back of throat with finger. Seek medical attention immediately.			
Section VII - Precautions for Safe Handling and Use			
Steps to Be Taken in Case Material is Released or Spilled: Wear appropriate protective gear. Sweep up into appropriate container. Avoid creating dusting conditions. Ventilate area. Wash spill area after material pickup is complete.			
Waste Disposal Method: Dispose in accordance with Federal, State, and Local regulations. Handling and Storage: Store in a cool dry place in tightly closed containers. Avoid breathing dust. Avoid direct or prolonged contact with eyes and skin. Wash hands thoroughly after handling. Do not rub eyes with soiled hands. Do not eat, drink, or smoke in the work area. Exercise same care as you would with corn meal. Other Precautions: Dry powders can build static electricity charges when subjected to the friction of conveying, mixing, or sliding. To prevent ignition, provide adequate precautions, such as electrical grounding, or inert atmospheres when material is used in the presence of flammable materials.			
Section VIII - Control Measures			
Respiratory Protection: If exposure limits are exceeded, use a NIOSH/MSHA approved respirator with appropriate dust filter.			
Ventilation: Provide adequate ventilation. Use local exhaust as needed to maintain exposures below control limits.			
Protective Gloves: Work gloves, clothes. Eye Protection: Safety glasses with side shields.			
Other Clothing or Equipment: Maintain a sink, safety shower and eyewash fountain in the work area.			