

# MATERIAL SAFETY DATA SHEET

## SECTION 1. Product and Company Identification VITA BIOTIN CRUMBLES

**Product Code:** HH-VITA BIOT CR

**Product Name:** VITA BIOTIN CRUMBLES **Chemical Family:** FEED SUPPLEMENT

**Manufacturer Name and Address:**

**Telephone Numbers:**

**Dates:**

Distributed by:

CHEMTREC

(800)424-9300

Date Created:

02/13/1995

Farnam Companies, Inc.

District of Columbia (202)483-0414

Revision: 08/27/2007

301 West Osborn Road

Farnam Companies, In (800)234-2269

Printed: 08/28/2007

Phoenix, AZ.

**Additional Identity Information**

75205 2.5-lb

75206 20-lb

## SECTION 2. Composition/Information on Ingredients VITA BIOTIN CRUMBLES

	<b>Hazardous Components (Chemical Name)</b>	<b>CAS #</b>	<b>Concentration</b>
1.	DEHYDRATED ALFALFA	NA	44.92 %
2.	CALCIUM CARBONATE	471-34-1	20.0 %
3.	OLEIC ACID	112-80-1	0.75 %
4.	Wheat Middlings	NA	17.5 %
5.	OAT HULLS	NA	10.0 %
6.	BIOTIN	58-85-5	2.2 %
7.	FAT	NA	2.0 %
8.	CANE MOLASSES	NA	1.25 %
9.	Durabond-cereal binder	NA	1.25 %
10.	KEMIN FEEDCURB	NA	0.13 %

  

	<b>OSHA PEL</b>	<b>ACGIH TLV</b>
1.	No data.	No data.

2.	No data.	No data.
3.	No data.	No data.
4.	No data.	No data.
5.	No data.	No data.
6.	No data.	No data.
7.	No data.	No data.
8.	No data.	No data.
9.	No data.	No data.
10.	No data.	No data.

### SECTION 3. Hazards Identification VITA BIOTIN CRUMBLES

**Emergency Overview**

No data available.

**Route(s) of Entry:** Inhalation? No , Skin? No , Eyes? No , Ingestion? No

**Potential Health Effects (Acute and Chronic)**

No known health hazards. Not for human use.

**Carcinogenicity:** NTP? No , IARC Monographs? No , OSHA Regulated? No

**Carcinogenicity/Other Information**

No data available.

**Recommended Exposure Limits**

N/A

**LD 50 / LC 50**

N/A

**Signs and Symptoms Of Exposure**

None known.

**Medical Conditions Generally Aggravated By Exposure**

None known.

### SECTION 4. First Aid Measures VITA BIOTIN CRUMBLES

**Emergency and First Aid Procedures**

IF SWALLOWED: Do NOT induce vomiting. Drink two glasses of water and contact physician or Poison Control Center.

IF INHALED: Remove patient to fresh air.

IF IN EYES: Rinse with plenty of water to remove solids. Call a physician if irritation persists.

IF ON SKIN: Wash with plenty of soap and water.

**Note to Physician**

No data available.

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**SECTION 5. Fire Fighting Measures  
VITA BIOTIN CRUMBLES**

**Flash Pt:** N.A. **Method Used:** No data.

**Explosive Limits:** LEL: NA UEL: NA

**Extinguishing Media**

CO<sub>2</sub>, Water, Dry Chemical.

**Fire Fighting Instructions**

None.

**Flammable Properties and Hazards**

Hot contents may ignite. Specific concentrations of dust may be flammable or explosive.

**Hazardous Combustion Products**

No data available.

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**SECTION 6. Accidental Release Measures  
VITA BIOTIN CRUMBLES**

**Steps To Be Taken In Case Material Is Released Or Spilled**

Sweep into bags and salvage if possible.

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**SECTION 7. Handling and Storage  
VITA BIOTIN CRUMBLES**

**Precautions To Be Taken in Handling**

Store in cool, dry area.

**Precautions To Be Taken in Storing**

No data available.

**Other Precautions**

KEEP OUT OF REACH OF CHILDREN. Not for human consumption.

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## SECTION 8. Exposure Controls/Personal Protection VITA BIOTIN CRUMBLES

### Respiratory Equipment (Specify Type)

Respirator approved for nuisance dusts.

### Eye Protection

Goggles to protect from dust

### Protective Gloves

Not needed under certain condition

### Other Protective Clothing

none

### Engineering Controls (Ventilation etc.)

Local Exhaust: sufficient

Special:

Mechanical (Gen):

Other:

### Work/Hygienic/Maintenance Practices

Wash hands before eating, smoking, or using restroom. Clean up spills and avoid dusty conditions.

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## SECTION 9. Physical and Chemical Properties VITA BIOTIN CRUMBLES

<b>Physical States:</b>	[ ] Gas , [ ] Liquid , [ X ] Solid
<b>Boiling Point:</b>	N.A.
<b>Melting Point:</b>	N.A.
<b>Specific Gravity (Water = 1):</b>	0.000000N.A.
<b>Density:</b>	No data.
<b>Vapor Pressure (vs. Air or mm Hg):</b>	N.A.
<b>Vapor Density (vs. Air = 1):</b>	N.A.
<b>Evaporation Rate (vs Butyl Acetate=1):</b>	N.A.
<b>Solubility in Water:</b>	N.A.
<b>Percent Volatile:</b>	N.A.
<b>Saturated Vapor Concentration:</b>	No data.
<b>Viscosity:</b>	No data.
<b>pH:</b>	NA

### Appearance and Odor

Green crumbles with alfalfa/molasses odor

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**SECTION 10. Stability and Reactivity**  
**VITA BIOTIN CRUMBLES**

**Stability:** Unstable [ ] Stable [ X ]

**Conditions To Avoid - Instability**

Heat and humidity.

**Incompatibility - Materials To Avoid**

None known.

**Hazardous Decomposition Or Byproducts**

CO<sub>2</sub> and CO.

**Hazardous Polymerization:** Will occur [ ] Will not occur [ X ]

**Conditions To Avoid - Hazardous Polymerization**

Will not occur.

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**SECTION 11. Toxicological Information**  
**VITA BIOTIN CRUMBLES**

No data available.

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**SECTION 12. Ecological Information**  
**VITA BIOTIN CRUMBLES**

No data available.

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**SECTION 13. Disposal Considerations**  
**VITA BIOTIN CRUMBLES**

**Waste Disposal Method**

Dispose of in accordance with Local, State and Federal regulations.

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**SECTION 14. Transport Information**  
**VITA BIOTIN CRUMBLES**

**DOT Proper Shipping Name**

No data available.

**DOT Hazard Label:** NONE

**UN/NA Number:** No dat

**Additional Transport Information**

No data available.

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**SECTION 15. Regulatory Information  
VITA BIOTIN CRUMBLES**

No data available.

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**SECTION 16. Other Information  
VITA BIOTIN CRUMBLES**

**Supersedes Revision** 04/26/2001

The information and data herein are believed to be accurate and have been compiled from sources believed to be reliable. It is offered for your consideration, investigation and verification.

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