

# MATERIAL SAFETY DATA SHEET

## SECTION 1. Product and Company Identification VITA FLEX LACTANASE

**Product Code:** VF-LACTANASE

**Product Name:** VITA FLEX LACTANASE **Intended Use:** Feed Supplement for Horses

**Chemical Family:** FEED SUPPLEMENT

**Manufacturer Name and  
Address:**

**Telephone  
Numbers:**

**Dates:**

Vita-Flex Products

CHEMTREC (800)424-9300

Date Created:

06/07/2001

1302-B Lew Ross Road

Council Bluffs, IA. 51501

Marketing (800)848-2359

Revision: 08/27/2007

United States of America

Printed: 08/28/2007

**Additional Identity Information**

3000088 25-gm

## SECTION 2. Composition/Information on Ingredients VITA FLEX LACTANASE

Hazardous Components (Chemical Name)	CAS #	Concentration
1. FEED GRADE INGREDIENTS	NA	100.0 %

  

OSHA PEL	ACGIH TLV
1. No data.	No data.

## SECTION 3. Hazards Identification VITA FLEX LACTANASE

### Emergency Overview

No data available.

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

Contact with skin, eye and/or inhalation of dust may cause irritation.

**Medical Conditions Generally Aggravated By Exposure**

Pre-existing eye and/or skin irritations; respiratory and/or gastrointestinal disorders.

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**SECTION 4. First Aid Measures**  
**VITA FLEX LACTANASE****Emergency and First Aid Procedures**

IF SWALLOWED: Drink glass of water and contact physician.

IF INHALED: Remove patient to fresh air.

IF IN EYES: Rinse with plenty of water to remove dust and solids. Get medical attention if irritation occurs.

IN 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 FLEX LACTANASE**

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

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

**Extinguishing Media**

Water, CO2 or as appropriate for surrounding materials.

**Fire Fighting Instructions**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH approved or equivalent and full protective gear.

**Flammable Properties and Hazards**

Avoid formation of dust cloud, as high concentrations of dust may represent an explosion hazard.

**Hazardous Combustion Products**

No data available.

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## **SECTION 6. Accidental Release Measures VITA FLEX LACTANASE**

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

Sweep and/or scoop up spill, dispose of any unusable material in approved landfill.

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## **SECTION 7. Handling and Storage VITA FLEX LACTANASE**

### **Precautions To Be Taken in Handling**

none

### **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 FLEX LACTANASE**

### **Respiratory Equipment (Specify Type)**

Dust protectant face mask if necessary.

### **Eye Protection**

Safety glasses to protect from dust.

### **Protective Gloves**

none

### **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 dusty situations.

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**SECTION 9. Physical and Chemical Properties**  
**VITA FLEX LACTANASE**

<b>Physical States:</b>	<input type="checkbox"/> Gas , <input type="checkbox"/> Liquid , <input checked="" type="checkbox"/> Solid
<b>Boiling Point:</b>	N.A.
<b>Melting Point:</b>	N.A.
<b>Specific Gravity (Water = 1):</b>	N.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>	Not Soluble
<b>Percent Volatile:</b>	N.A.
<b>Saturated Vapor Concentration:</b>	No data.
<b>Viscosity:</b>	No data.
<b>pH:</b>	NA
<b>Appearance and Odor</b>	
Yellow granular with sweet, cherry odor.	

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**SECTION 10. Stability and Reactivity**  
**VITA FLEX LACTANASE**

**Stability:** Unstable  Stable

**Conditions To Avoid - Instability**

Heat & Moisture.

**Incompatibility - Materials To Avoid**

As with all food/feed stuffs, avoid storage with or near toxic substances.

**Hazardous Decomposition Or Byproducts**

None known

**Hazardous Polymerization:** Will occur  Will not occur

**Conditions To Avoid - Hazardous Polymerization**

Will not occur.

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**SECTION 11. Toxicological Information**  
**VITA FLEX LACTANASE**

No data available.

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**SECTION 12. Ecological Information**  
**VITA FLEX LACTANASE**

No data available.

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**SECTION 13. Disposal Considerations**  
**VITA FLEX LACTANASE**

**Waste Disposal Method**

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

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**SECTION 14. Transport Information**  
**VITA FLEX LACTANASE**

**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 FLEX LACTANASE**

No data available.

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**SECTION 16. Other Information**  
**VITA FLEX LACTANASE**

**Supersedes Revision 02/20/2003**

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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