



**Ralco Nutrition, Inc.**  
The Science of Animal Nutrition

## Material Safety Data Sheet

### Product Identity

Product Name: VITEC for Poultry  
Product Number: 2064  
Chemical Name:  
Chemical Family:  
Synonyms:

### 1. Manufacturer Contact Information

Ralco Nutrition, Inc.  
P.O. Box 1083  
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Marshall, MN 56258  
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Date Prepared	7/7/2009
Date Reviewed	
Preparer(Optional)	Gary D Loeck

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### 2. Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s) )	OSHA PEL	ACGIH TLV	Other Recommended Exposure Limits
1. N/A			
2.			
3.			
4.			
5.			

### 3. Physical/Chemical Characteristics

Appearance and Odor: Brown milky liquid. Slight sweet aroma.			
Solubility in Water: Complete			
Boiling Point	Unknown	Specific Gravity (H <sub>2</sub> O = 1)	Unknown
Vapor Pressure (mm Hg)	Unknown	Melting Point	Unknown
Vapor Density (Air = 1)	Unknown	Evaporation Rate (Butyl Acetate = 1)	Unknown

### 4. Fire and Explosion Hazard Data

Flash Point: Unknown	Flammable Limits	LEL Unknown	UEL Unknown
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Extinguishing Media: Carbon Dioxide, Dry Chemical Powder, or an appropriate Foam
Special Fire Fighting Procedures: Use Self Contained Breathing Apparatus
Keep closed containers cool by spraying with water.
Unusual Fire and Explosion Hazards: Possible emission of Carbon Monoxide and/or Dioxide



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### 5. Reactivity Data

Incompatibility (Materials to Avoid): Store in fully sealed containers. Avoid heat, sparks, direct sunlight.		
Hazardous Decomposition or Byproducts: Possible emission of Carbon Monoxide and/or Dioxide when burned		
Stability	Unstable <input type="checkbox"/>	Conditions to Avoid:
	Stable <input checked="" type="checkbox"/>	
Hazardous Polymerization	May Occur <input type="checkbox"/>	Conditions to Avoid:
	Will Not Occur <input checked="" type="checkbox"/>	

### 6. Health Hazard Data

Eye Contact: Avoid contact; may cause eye irritation.  
 If contact, remove contact lenses and flush eyes with water for at least 15 minutes. Call a physician.  
 Skin Contact: Avoid contact; may cause skin irritation.

Inhalation: Avoid direct inhalation.  
 If directly inhaled, remove to fresh air .  
 Ingestion: Avoid ingestion of gross amounts.

Health Hazards (Acute and Chronic): None known			
Signs and Symptoms of Exposure: Overexposure may cause irritation.			
Medical Conditions			
Generally Aggravated by Exposure: Mist may cause eye/respiratory irritation with coughing.			
Emergency Procedures: Call a physician.			
Carcinogenicity:	NTP? No	IARC Monographs? N/A	OSHA Regulated? N/A

### 7. Precautions for Safe Handling and Use

In Case Material is Released or Spilled: Eliminate ignition sources. Ventilate area of spill. Collect into appropriate containers. Use Non-flammable absorbent.  
 Waste Disposal Method: Dispose containers in approved landfill, IAW Federal, State, and Local Regulations.

Precautions Taken in Handling and Storage: Store in cool, dry place.

Other Precautions:

### 8. Control Measures

Ventilation	Local Exhaust: Yes	Special:
Sufficient to maintain OSHA PEL	Mechanical:	Other:
Respiratory Protection: Use NIOSH/MSHA approved mask		



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### 8. Control Measures cont.

Eye Protection: Safety glasses with side shields or goggles

Protective Gloves: Impervious gloves

Other PPE: Body covering clothing

Work/Hygienic Practices: Good housekeeping procedure should be followed to minimize product mist.

### Other Information

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of preparation. The information provided is designed only as guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered a warranty or quality specification. The conditions or methods of said handling, storage, use, and disposal of this product are beyond our control. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage, or expenses arising out of or connected with the handling, storage, use, or disposal of this product. The information provided relates only to the specific material designated, and may not be valid for such material used in combination with any other materials or in any process, unless specified in text.