

# Vitamins and Electrolytes Soluble for Poultry

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FAX NO. 800 933 7232

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510532 Part# 11400321  
VITAMINS/POULTRY 4-OZ  
1805 UNIVERSAL COOP. ANIMAL  
Buyer: Harkimer (Agway)

## Material Safety Data Sheet

Vitamins and Electrolytes Soluble For Poultry

WW MSDS No. 3512541

Section 1. Product and Company Identification	
Manufactured/Supplied by	Fort Dodge Animal Health 800 5th Street NW P.O. Box 518 Fort Dodge, IA 50501 Phone: 515-955-4600 Fax: 515-955-9149
Product Trade Name	Vitamins and Electrolytes Soluble For Poultry
Common Name	Not applicable.
Synonyms	Not available.
Chemical Formula	Mixture.
Chemical Family	Veterinary pharmaceutical.
Material Use	Pharmaceutical Industry: Veterinary Pharmaceutical
Packaging	Pouch, laminate.
Formula Type	Not available.
Date of Preparation	11 July 2001
Product No.	3512541
Formula No.	Not available.
CAS No.	Mixture.
U.N. No.	Not applicable.
REINCS No.	Not applicable.
In Case of Emergency	615-955-6033

Section 2. Composition - Information on Ingredients				
Name of Ingredients	CAS No.	Conc.	EU Symbol	R Phrase
1) Vitamin Supplement for Veterinary Use		100	Not controlled.	Not controlled.

Section 3. Hazards Identification - Summary of Primary Effects and Critical Hazards	
Acute Health Effects	Significant adverse health effects are associated with chronic high level exposures.
Chronic Health Effects	Adverse health effects are associated with chronic high level exposures.
Environmental Hazards	No known significant effects or critical hazards.

Section 4. First Aid Measures - (by medical responders using "Universal Precautions")	
Eye Contact	Flush eyes with plenty of water for 15 minutes, occasionally lifting upper and lower eyelids. (Check person for contact lenses and remove if present.) If redness or irritation persists have eyes examined by doctor immediately.
Skin Contact	Flush skin with plenty of soap and water for at least 15 minutes (remove all contaminated clothing and shoes). Get medical attention if symptoms persist.
Inhalation	No specific treatment, treat symptomatically. If breathing is difficult give oxygen, if respiratory arrest occurs provide artificial respiration and seek immediate medical assistance.
Ingestion	Give several glasses of ice water or very cold water to dilute the base. If the subject is conscious, give one tablespoon of syrup of ipecac to induce vomiting. If vomiting occurs, keep head lower than hips to help prevent aspiration.
Notes to Medical Doctor	Direct treatment at control of symptoms.

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### Section 5. Fire-Fighting Measures

Extinguishing Media and Instructions	Follow your company's procedures. Use an extinguishing agent suitable for the surrounding class of fire.
Special Exposure Hazards	Dispose of fire debris and contaminated fire fighting water in accordance with regulations (see Sections 12 & 15).
Special Fire Fighting Protective Equipment	No special product precautions or equipment.

### Section 6. Accidental Release Measures

Small Spill Guidelines	Put on appropriate personal protective equipment (see Section 8). Use a tool to scoop up and put into appropriate labeled waste container.
Large Spill Guidelines	Initiate company's spill response procedures immediately. Keep people out of area. Put on appropriate personal protective equipment (see Section 8).
Environmental Precautions	No special measures are typically indicated.

### Section 7. Handling and Storage

Handling (ventilation and fire prevention)	Avoid contact with eyes, skin, and clothing. Avoid generating or breathing product aerosol. Wash after handling.
Storage (conditions and limitations)	Store tightly closed in original container. Keep containers in a well ventilated, secure location.

### Section 8. Exposure Controls and Personal Protection - (normal and intended use)

Exposure Guidelines	Component	REG. Limit	OSHA (PEL)	ACGIH (TLV®)	Company Guideline
	1) Vitamin Supplement for Veterinary Use	TWA:		10 mg/m³	
Engineering Design and Control Measures	General ventilation is typically sufficient to keep airborne levels below established values. Provide eye wash and quick drench shower close to work station. Clean, appropriately launder, or dispose of all potentially contaminated work clothing, foot wear, and protective equipment after use.				
Protective Clothing					
Eyes	Safety glasses, goggles or face shield where product aerosol or splash potential exists.				
Skin	Lab coat.				
Hands	Gloves, Chemical resistant.				
Respiratory	Respirator selection must be based on anticipated exposure levels, product hazards, and the safe working limits of the selected respirator. A respirator is not needed under normal and intended conditions of product use.				

### Section 9. Physical and Chemical Properties

Physical State and Appearance	Solid. (Powdered solid.)	Odor	Characteristic.
Molecular Weight	Mixture.	Color	Gold
Boiling Point	Not available.	pH	Not available.
Melting/Freezing Point	Not available.		
Density/Bulk Density	Not available.		

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Vapor Pressure	Not applicable.	
Vapor Density	Not applicable.	
Viscosity	Not applicable.	
Partition Coefficient	Not applicable.	
Solubility	Soluble in cold water, hot water.	
Flash Point	Not applicable.	
Autoignition Point	Not applicable.	
Explosion Limits	Not applicable.	
Dust Explosivity	Not available.	

Section 10. Stability and Reactivity	
Conditions to Avoid and Incompatibility	Reactive with acids.
Decomposition Products	Not available.

Section 11. Toxicological Information				
Acute Effects				
Component	Test	Result	Route	Species
No hazardous ingredients				
Eye Contact		Slightly irritating (USA), Irritating (EU).		
Skin Contact		Slightly irritating (USA), Irritating (EU).		
Inhalation		Not available.		
Ingestion		Not available.		
Chronic Effects				
Target Organs		Not available.		
Adverse Effects Statements		Not available.		
Sensitization		Not available.		
Carcinogenic Effects		Not classified or listed by IARC, NTP, OSHA, EU and ACGIH.		
Mutagenic Effects		Not mutagenic in a standard battery of genetic toxicological tests.		
Teratogenic Effects		No known human teratogenic effect.		
Reproductive Effects		No evidence of human reproductive effects.		
Other Effects		Not available.		

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<b>Section 12. Ecological Information</b>											
Environmental Fate	Not available.										
Environmental Hazards	No known significant effects or critical hazards.										
Ecotoxicity	<table border="1"> <thead> <tr> <th>Component</th> <th>Species</th> <th>Period</th> <th>Result</th> </tr> </thead> <tbody> <tr> <td colspan="4">No hazardous ingredients</td> </tr> </tbody> </table>			Component	Species	Period	Result	No hazardous ingredients			
Component	Species	Period	Result								
No hazardous ingredients											
Other	Not available.										

<b>Section 13. Disposal Considerations</b>	
Waste Handling and Disposal	Avoid disposal, make attempts to use product completely in accordance with intended use. Incinerate unwanted products and waste materials.
<i>Note: The waste generator must be informed of and follow all applicable rules and regulations for the handling and disposal of waste.</i>	

<b>Section 14. Transport Information</b>			
Proper Shipping Name, Primary Class, UNNA Number, Packaging Group	Not controlled.		
ADR/RID Classification (Road and Rail Transport)	Not controlled.		
ADNR Classification (Inland Waterways)	Not controlled.		
IMO/MDG Class (Maritime Transport)	Not controlled.		
ICAO/IATA (Air Transport)	Not controlled.		
CRRIC Transport	Not available.	HF Kender	Not available.
U.S.A. DOT Class	Not controlled.		
RQ	Not applicable.		
Packaging Instructions	Not available.		

<b>Section 15. Regulatory Information and Warning Labels</b>	
(R) Risk Phrases	Not applicable. <span style="float: right;">Not applicable.</span>
(S) Safety Phrases	Not available.
<i>NOTE: This product has been classified in accordance with applicable country-specific regulations.</i>	

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### Section 16. Other Key Information

**Other Considerations** See product label and package insert for additional information.

19 January 2002

Responsible for MSDS: Global Engineering, Environmental and Safety

Fort Dodge Animal Health -- within American Home Products Corporation

#### Notice to Reader

\* This symbol indicates information which has changed from the previous MSDS.

The information provided in this MSDS is based on current knowledge, however, this does not constitute a warranty by the Company for that information. The product user is responsible for the appropriate and intended handling, use, and disposal of this product in accordance with label or package precautions and this information. All materials may present unknown hazards and should be used with caution.

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