

## SAFETY DATA SHEETS

**This SDS packet was issued with item:**

078910430

**The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).**

078909870 078910429 078910431 078916896 078916897 078916898

**SAFETY DATA SHEET****(1) IDENTIFICATION**

**Name:** Flexadin Plus Tablets

**Use:** Oral Supplement

**Supplier:** Vetoquinol USA (Tomlyn Products)  
4250 N. Sylvania Ave  
Fort Worth, TX 76137

**Tel:** ( 817)529-7500

**Fax:** (817)529-7506

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**(2) HAZARD(S) IDENTIFICATION**

**Hazard Classification:** Non Hazardous as defined by 29CFR Part 1910.1200  
(Special Chemical Identification: Common Name)

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**(3) COMPOSITION/INFORMATION ON INGREDIENTS**

**Common Name:** Flexadin Plus Tablets

**Composition:** A blend of proprietary ingredients which make a flavored oral supplement. The specific concentration of the ingredients has been withheld as a trade secret.

Chemicals	%Concentration	Classification	CAS	Exposure
Glucosamine Hydrochloride (Shrimp & Crab)				
Methylsulfonylmethane (MSM)				
Creatine Monohydrate				
Perna Canaliculus				
Alpha lipoic acid				
Citrus Bioflavonoids				
Sucrose				
Ascorbic Acid (Vitamin C)				
Mg Sulfate				
Brewers Yeast				
Silica				
Beef flavor				
Ca Phosphate				
Whey protien				
Glycerin				
Vitamin E				
Millet Flour				
Sorbitol				
Fiber				

Not assigned

(4)

**FIRST AID MEASURES****Exposure Route****Symptom****Treatment**

INHALATION

N/A

N/A

SKIN CONTACT

Low risk redness, Pruritis

Wash affected areas promptly and thoroughly with soap and water, rinse thoroughly.

EYE CONTACT

Low risk redness, pruritis

Immediately rinse eyes with water holding eyes open and rinse slowly with water for 15-20 minutes.

INGESTION

G.I. Upset

If appreciable quantities are swallowed, call a physician or the Poison Control Center.

(5)

**FIRE-FIGHTING MEASURES****Suitable****Extinguisher:**FOAM, DRY POWDER, WATER, CO<sub>2</sub>**Special Precautions:**

None

**Special Protective Equipment:**

None

(6)

**ACCIDENTAL RELEASE PROCEDURES****Personal Precautions:**

None.

**Environmental precautions:**

None

**Methods for Cleaning up:**

Clean up excess material and place in a closed container for disposal. Clean spill with soap and water if necessary.

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(7) **HANDLING AND STORING**

**Precautions during handling:** Do not freeze.  
**Storage:** Store in a dry place at room temperature.

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(8) **EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Engineering measures:** None

**Control Parameters:** None

**Personal Protection:**

**Respiratory:** Local ventilation is adequate.

**Hand:** Not necessary

**Eye:** Not necessary

**Skin:** Not necessary

(9) **PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance/Odor:** Tan to brown, round, scored tablet with dark flecks throughout

**pH:** N o t A p p l i c a b l e

**Boiling point/Range:** Not applicable

**Flash Point:** Not applicable.

**Explosive properties:** Not applicable.

**Oxidising properties:** Not oxidizing.

**Specific gravity:** 0.98-1.1

**Solubility (water at 20°C):** non-Soluble

(10)

**STABILITY AND REACTIVITY**

**Stability:** Stable under normal conditions.

**Conditions to avoid:** Extreme high temperatures.

**Materials to avoid:** None

**Hazardous decomposition products:** None

(11)

**TOXICOLOGICAL INFORMATION****TEST DATA**

**Acute oral toxicity:** None

**Acute dermal toxicity:** None

**Skin irritation:** None

**Eye irritation:** None

**Human experience:** none

(12)

**ECOLOGICAL INFORMATION**

**Persistence and degradability:** This product has no ecological impact.

**Bioaccumulation:** Not noted.

**Aquatic toxicity:** None noted.

(13)

**DISPOSAL CONSIDERATIONS**

**Disposal of product and Packaging:** Dispose of in accordance with all applicable state, local, and federal laws.

(14)

**TRANSPORT INFORMATION**

**U.N. Number:** None assigned

**(CDG-CPL):** Not classified

**Sea (IMDG):** Not classified

**Road/Rail (RID/ADR):** Not classified

**Class Number:** None assigned

**Packing Group:** None assigned

**Proper Shipping Name:** Not applicable

**Marine Pollutant:** No

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(15)

**REGULATORY INFORMATION**

**Symbol:** None

**R-Phrases:** None

**S-Phrases:** S2 Keep out of reach of children

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(16)

**OTHER INFORMATION**

**Uses:** Oral Supplement

**Further product information:** Consult Flexadin Plus Tablets leaflet or Vetoquinol USA website [www.vetoquinolUSA.com](http://www.vetoquinolUSA.com) for further information.

**Prepared by:** James Spiezio, DVM  
Scientific Affairs Manager  
Vetoquinol USA

**SDS Dated:** 01, October 2014

**Supersedes:** MSDS dated 18, May 2009

**TELEPHONE NUMBER:** (817)529-7500

**MATERIAL SAFETY DATA SHEET****MSDS #****Identity: Flexadin Plus Chewable Tablets 90 count****Page 1 of 2****Product Code: 432930****Section I – Supplier Information:****Emergency Telephone Number:**

Vétoquinol USA (TOMLYN PRODUCTS, EVSCO PHARMACEUTICAL, Vet Solutions)  
Address: 4250 N. Sylvania Ave.  
Fort Worth TX 76137

1-800-285-0508

**Section II – Hazardous Ingredients/ Identity Information**

Hazardous Components	OSHA PEL	ACGIH TVL	STEL	CAS#	%(opt)
Non Hazardous as defined by 29CFR Part 1910.1200 (Special Chemical Identification: Common Name)					

All ingredients are AAFCO approved as Generally Recognized as Safe (GRAS) and  
INF listed. Osteo3 is formulated as a nutritional supplement

**Section III – Physical/Chemical Characteristics**

Boiling Point:	Not Applicable
Specific Gravity: (H <sub>2</sub> O = 1)	0.98 – 1.1
Vapor Pressure (mm Hg):	Not Applicable
Melting Point:	Not Applicable
Vapor Density (Air = 1):	Not Applicable
Evaporation Rate (butyl acetate = 1):	Not Applicable
Solubility in water:	Highly hygroscopic
Appearance and Odor:	Tan to light brown colored tablets with darker variations.

**Section IV – Fire and Explosion Hazard Data**

Flash Point (method used)	
Flammable Limits:	LEL: Not Applicable UEL: Not Applicable
Extinguishing Media:	Water Spray, dry chemical, carbon dioxide, or foam suitable for the surrounding fire and materials
Unusual Fire and Explosion Hazards:	Burning may yield CO or CO <sub>2</sub> .

**Section V – Reactivity Data**

Stability:	STABLE
Incompatibility:	None
Hazardous Decomposition or Byproducts:	CO, NO, CO <sub>2</sub> , HCl when burned gases possible.
Hazardous Polymerizations:	WILL NOT OCCUR
Conditions to Avoid:	High Temperatures.

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**MATERIAL SAFETY DATA SHEET****MSDS #****Identity: Flexadin Chewable Tablets 90 count****Page 2 of 2****Product Code: 432930**

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**Section VI – Health Hazard Data**

Routes of Entry: Inhalation? NO	Skin? NO	Ingestion? Yes
Health Hazards (Acute and Chronic): RAW MATERIAL may be irritating by inhalation, in contact with skin and if orally swallowed. <b>Toxicological Data:</b> Rat LD50: (mg/kg) :560 i.v., 2500i.p., >6000		
Carcinogenicity: NTP? NO	IARC Monograph? NO	OSHA Regulated? NO
Signs and Symptoms of Exposure: Due to nature of this product no significant health effects are expected.		
Medical Conditions Generally Aggravated by Exposure: None presently known.		
Emergency and First Aid Procedures:		
INGESTED:	If appreciable quantities are swallowed, call a physician or the Poison Control Center.	
SKIN CONTACT:	N/A.	
EYE CONTACT:	Immediately rinse eyes with water holding eyes open and rinse slowly with water for 15-20 minutes. Remove Contact Lenses, if persistent after the first 5 minutes.	
	If irritation persists, call a Poison Control Center or doctor for treatment.	
INHALATION:	If inhaled remove to fresh air if not breathing commence artificial respiration administer oxygen if breathing is difficult. Observed only with hypersensitive individuals.	
.Note to Physician:	This product has a low oral and dermal toxicity, and is minimally irritating to the eyes and practically non-irritating to the skin. Treatment is controlled removal of exposure followed by symptomatic and supportive care.	

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**Section VII – Precautions for Safe Handling and Use**

Steps to be taken in Case Material is Released or Spilled:	Sweep up material for disposal.
Waste Disposal Method:	Incinerate or sanitary landfill IAW state or local regulations
Precautions to be Taken in Handling and Storage:	Keep container tightly closed. This product is made with food grade materials intended as a pet food. Keep away from high heat and flame.
Other Precautions:	Keep out of the reach of children, Wash hands after using product. Good practices require that gross amounts of <b>any chemical</b> be removed from the skin as soon as practical, especially before eating or smoking. Read and follow label instructions.

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**Section VIII – Control Measures**

Respiratory Protection:	Not necessary under recommended conditions of use.	
Ventilation:	Local Exhaust:	Acceptable
	Special:	Not Applicable
	Mechanical (general):	Acceptable
Protective Gloves:	Preferred	
Eye Protection:	Not necessary under recommended conditions of use. Other Protective	
Clothing or Equipment:	None generally required.	
Work Hygienic Practices:	When using, do not eat, drink or smoke.	
	Wash hands after using.	

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**Section IX – Additional Information**

**Regulatory Information:** Reviews, Standards and Regulations: NOES 1983: HZD X2921: NIS 1; TNF 25: NOS 1; TNE 427: TFE 176, EPA TSCA Section 8(B) Chemical Inventory

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Disclaimer of Expressed and Implied Warranties: This information is provided in good faith but without express or implied warranty. Buyer assumes all responsibilities for safety and use not in accordance with label instructions.

Prepared By: VKA QA Department

New MSDS Dated: 29 July 2013

Supersedes MSDS Dated: 10 November 2008