

## **SAFETY DATA SHEETS**

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

078543682

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

078543690

**MATERIAL SAFETY DATA SHEET****MSDS #4800****Identity: LIME SULFUR DIP****Page 1 of 2****Product Code:****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)
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Non Hazardous as defined by 29CFR Part 1910.1200  
(Special Chemical Identification: Common Name)

**Section III – Physical/Chemical Characteristics**

Boiling Point:	212°F
Specific Gravity: (H <sub>2</sub> O = 1)	Not Applicable
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:	Miscible 25%
Appearance and Odor:	Golden Brown liquid with typical lime sulfur smell

**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:	May emit toxic fumes under fire conditions.
Special Fire Fighting Procedures:	Wear MSHA?NIOSH approved self contained breathing apparatus

**Section V – Reactivity Data**

Stability:	STABLE
Incompatibility:	Keep away from strong oxidizing agents
Hazardous Decomposition or Byproducts:	Carbon Monoxide
Hazardous Polymerizations:	WILL NOT OCCUR
Conditions to Avoid:	None Known.

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**MATERIAL SAFETY DATA SHEET**

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**MSDS #4800****Identity: Lime Sulfur Dip****Page 2 of 2****Product Code:**

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**Section VI – Health Hazard Data**

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Routes of Entry: Inhalation?	Skin? Yes	Ingestion? Yes	Eyes? Yes
Health Hazards (Acute and Chronic):	None.		
Carcinogenicity: NTP? NO	IARC Monograph? NO	OSHA Regulated? NO	
Signs and Symptoms of Exposure:	Irritation of Skin, Gastrointestinal irritation, Eye Irritation		
Medical Conditions Generally Aggravated by Exposure:	None presently known.		
Emergency and First Aid Procedures:			
INGESTED:	If appreciable quantities are swallowed do not give anything but water and call a physician or the Poison Control Center.		
SKIN CONTACT:	Product is designed to be Used Topically, Follow Specific Directions. Wash with soap and water. If irritation occurs, get medical attention.		
EYE CONTACT:	Immediately rinse eyes with water holding eyes open and rinse slowly with water for 15-20 minutes. Remove Contact Lenses. <b>Get medical attention immediately</b>		
INHALATION:	No adverse effects established. Remove affected person to fresh air		

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

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Steps to be taken in Case Material is Released or Spilled:	Flush away spilled material with water. Product can be diluted with water and then mopped away
Waste Disposal Method:	Dispose of in accordance with all applicable federal, state and local laws.
Precautions to be Taken in Handling and Storage:	Store in cool Dry Area
Other Precautions:	Keep out of the reach of children, Wash hands after using product. Use normal good storage and handling for liquids. Avoid contact with skin and eyes

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**Section VIII – Control Measures**

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Respiratory Protection:	Not necessary under recommended conditions of use.		
Ventilation:	Local Exhaust:	Not Applicable	
	Special:	Not Applicable	
	Mechanical (general):	Not Applicable	
Protective Gloves:	Rubber gloves		
Eye Protection:	Not necessary under recommended conditions of use. Goggles or glasses, if splashing may occur.		
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**

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Tomlyn Products, Evsco Pharmaceuticals and Vet Solutions are registered trademarks of Vétoquinol USA.

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: NST QA Department  
New MSDS Dated: 10 November 2008  
Supersedes MSDS Dated: XX NNNNN 2007

Lime Sulfur Dip**SAFETY DATA SHEET****(1) IDENTIFICATION**

**Name:** Lime Sulfur Dip

**Use:** veterinary skin care

**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:** Corrosive in un-mixed form

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

**Common Name:** Lime Sulfur Dip

**Composition:** A blend of proprietary ingredients which make a veterinary dermatologic care product. The specific concentration of the non hazardous ingredients has been withheld as a trade secret.

Chemical	%Concentration	CAS
Sulfurated Lime Solution		

**(4) First Aid Measures****Ingestion**

- In case of ingestion call a physician and poison control.
- Accidental ingestion of the material may be harmful, fatal or may produce serious damage to the health of the individual.

**EYE**

- If product enters eye, rinse thoroughly with cool fresh water for 10 to 15 minutes. If irritation persists, seek medical attention immediately.
- There may be drying of the cornea, a burning sensation, excessive tears, sensitivity to light, swelling and redness of the conjunctiva and increased blinking.
- Practical experience suggests, that the material may cause eye irritation in a substantial number of individuals.
- Prolonged eye contact may cause inflammation characterized by a redness of the conjunctiva (similar to windburn) and possible ulceration of the cornea.

**SKIN**

- Wash with cool water immediately and thoroughly.

**INHALED**

- Inhalation of current solution has not been shown to have any side effects.

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**(5) FIRE-FIGHTING MEASURES****Suitable**

**Extinguisher:** FOAM, DRY POWDER, WATER, CO<sub>2</sub>

**Special Precautions:** None

**Special Protective Equipment:** None

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**(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 or expose to excessive heat.

**Storage:** Store 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:** Gloves

**Eye:** Goggles

**Skin:** Apron

(9) **PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance/Odor:** Deep red - orange color translucent liquid

**pH:** 9.0+

**Boiling point/Range:** 212°F

**Flash Point:** Not applicable.

**Explosive properties:** Not applicable.

**Oxidising properties:** Not oxidizing.

**Specific gravity:** 1.273

**Solubility (water at 20°C):** miscible 25%

**(10) STABILITY AND REACTIVITY**

**Stability:** Stable under normal conditions.

**Conditions to avoid:** Freezing.

**Materials to avoid:** None

**Hazardous decomposition products:** None

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**(11) TOXICOLOGICAL INFORMATION****TEST DATA**

**Acute oral toxicity:** See section 4

**Acute dermal toxicity:** See section 4

**Skin irritation:** See section 4

**Eye irritation:** See section 4

**Human experience:** See section 4

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**(12) ECOLOGICAL INFORMATION**

**Persistence and degradability:** This product has a minimal ecological impact.

**Bioaccumulation:** Not noted.

**Aquatic toxicity:** In large or concentrated amounts this product may have aquatic toxicity.

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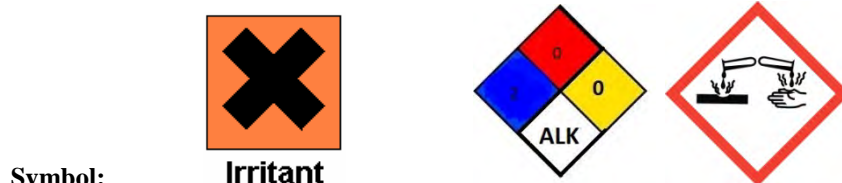
**(13) DISPOSAL CONSIDERATIONS**

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

**(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:** Minimal

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**(15) REGULATORY INFORMATION**

**Warnings:** Keep this product out of reach of children. This product is not intended for oral use.  
This product is not intended for ophthalmic use.

**(16) OTHER INFORMATION**

**Uses:** veterinary Skin care

**Further product information:** Consult Lime Sulfur Dip technical 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:** 13, October, 2014

**Supersedes:** MSDS dated 24, January, 2012

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

**Poison Control:** 800-222-1222