

## **SAFETY DATA SHEETS**

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

078543914

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

078880010

# MATERIAL SAFETY DATA SHEET

Generated 04/20/2009, Revision 04/20/2009, Supersedes Revision 05/30/2007, Date Created 08/03/2006

## SECTION 1. Product and Company Identification DURALACTIN FELINE L-LYSINE

**Product Code:** VPL-DURA-FE-PST

**Product Name:** DURALACTIN FELINE L-LYSINE

### Manufacturer Information

**Company Name:** Distributed by:  
Veterinary Products Laboratories  
P.O. Box 34820  
Phoenix, AZ 85067-4820

**Emergency Contact:** CHEMTREC (800)424-9300  
**Information:** (888)241-9545

**Preparer Name:** Sherry Faith

### Additional Identity Information

3005932 32.5 ml

## SECTION 2. Composition/Information on Ingredients DURALACTIN FELINE L-LYSINE

Hazardous Components (Chemical Name)	CAS #	Concentration	OSHA PEL	ACGIH TLV
Canola Oil	8002-13-9	19.0 %	No data.	No data.

## SECTION 3. Hazards Identification DURALACTIN FELINE L-LYSINE

### Emergency Overview

Generally not hazardous under normal conditions, however good manufacturing practices should be practiced.

### Potential Health Effects (Acute and Chronic)

None known

### Recommended Exposure Limits

None

### Signs and Symptoms Of Exposure

None known

### Medical Conditions Generally Aggravated By Exposure

None known

## SECTION 4. First Aid Measures

### DURALACTIN FELINE L-LYSINE

#### Emergency and First Aid Procedures

FIRST AID: SKIN: Wash exposed area with soap and water. If irritation persists, seek medical attention.  
EYES: Wash eyes with plenty of water for at least 15 minutes, lifting eyelids occasionally. Seek medical aid.

INGESTION: Give several glasses of water. Vomiting may occur spontaneously, but it is not necessary to induce. Never give anything by mouth to an unconscious person.

## SECTION 5. Fire Fighting Measures

### DURALACTIN FELINE L-LYSINE

**Flash Pt:** > 500.00 F Method Used: Able Closed Cup

**Explosive Limits:** LEL: No data. UEL: No data.

#### Fire Fighting Instructions

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and clothing.

#### Flammable Properties and Hazards

None known

#### Hazardous Combustion Products

None known

#### Extinguishing Media

CO2, foam, dry chemical powder

#### Unsuitable Extinguishing Media

None known

## SECTION 6. Accidental Release Measures

### DURALACTIN FELINE L-LYSINE

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

Absorb with an inert material such as earth, sand, or vermiculite. Sweep up and dispose of in accordance with all applicable local, State, and Federal regulations.

## SECTION 7. Handling and Storage

### DURALACTIN FELINE L-LYSINE

#### Precautions To Be Taken in Handling

Keep away from heat and flames.

#### Precautions To Be Taken in Storing

Store in a cool, dry place (65 - 85 degrees). Do not store near strong oxidizing agents. Do not keep soiled rags or other absorbent-type materials under high temperature and or closed conditions in the presence of oxygen.

## SECTION 8. Exposure Controls/Personal Protection

### DURALACTIN FELINE L-LYSINE

#### Respiratory Equipment (Specify Type)

N/A (Nuisance dust mask during formulation only)

#### Eye Protection

Goggles during formulation

#### Protective Gloves

None

#### Engineering Controls (Ventilation etc.)

Good general ventilation should be sufficient.

#### Work/Hygienic/Maintenance Practices

Wash hands after use and before eating, smoking, or using restroom.

## SECTION 9. Physical and Chemical Properties

### DURALACTIN FELINE L-LYSINE

<b>Physical States:</b>	<input type="checkbox"/> Gas	<input checked="" type="checkbox"/> Liquid	<input type="checkbox"/> Solid
<b>Melting Point:</b>	NA		
<b>Boiling Point:</b>	NA		
<b>Autoignition Pt:</b>	No data.		
<b>Flash Pt:</b>	> 500.00 F Method Used: Able Closed Cup		
<b>Explosive Limits:</b>	LEL: No data.		UEL: No data.
<b>Specific Gravity (Water = 1):</b>	NA		
<b>Density:</b>	NA		
<b>Bulk density:</b>	No data.		
<b>Vapor Pressure (vs. Air or mm Hg):</b>	NA		
<b>Vapor Density (vs. Air = 1):</b>	NA		
<b>Evaporation Rate (vs Butyl Acetate=1):</b>	NA		
<b>Solubility in Water:</b>	NA		
<b>Percent Volatile:</b>	N.A.		
<b>Saturated Vapor Concentration:</b>	NA		
<b>Viscosity:</b>	NA		
<b>Heat Value:</b>	No data.		
<b>Particle Size:</b>	No data.		
<b>Corrosion Rate:</b>	NA		
<b>pH:</b>	NA		

#### Appearance and Odor

Thin beige paste with a lysine odor.

**SECTION 10. Stability and Reactivity**  
**DURALACTIN FELINE L-LYSINE**

**Stability:** Unstable [ ] Stable [ X ]

**Conditions To Avoid - Instability**

No data available.

**Incompatibility - Materials To Avoid**

Strong oxidizing agents.

**Hazardous Decomposition Or Byproducts**

Carbon monoxide and carbon dioxide from burning.

**Hazardous Polymerization:** Will occur [ ] Will not occur [ X ]

**Conditions To Avoid - Hazardous Polymerization**

No data available.

**SECTION 11. Toxicological Information**  
**DURALACTIN FELINE L-LYSINE**

None known

**Chronic Toxicological Effects**

None known

**Carcinogenicity/Other Information**

No data available.

Hazardous Components (Chemical Name)	CAS #	NTP	IARC	ACGIH	OSHA
Canola Oil	8002-13-9	n.a.	n.a.	n.a.	n.a.

**Carcinogenicity:** NTP? No IARC Monographs? No OSHA Regulated? No

**SECTION 12. Ecological Information**  
**DURALACTIN FELINE L-LYSINE**

None

**SECTION 13. Disposal Considerations**  
**DURALACTIN FELINE L-LYSINE**

**Waste Disposal Method**

Dispose of in accordance with all local, State, and Federal regulations.

**SECTION 14. Transport Information**  
**DURALACTIN FELINE L-LYSINE**

**LAND TRANSPORT (US DOT)**

**DOT Proper Shipping Name** None

**DOT Hazard Label:** None

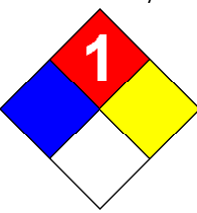
**SECTION 15. Regulatory Information**  
**DURALACTIN FELINE L-LYSINE**

No data available.

**SECTION 16. Other Information**  
**DURALACTIN FELINE L-LYSINE**

**Company Policy or Disclaimer**

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.

	Minimal: 0 Slight: 1 Moderate: 2 Serious: 3 Extreme: 4	<b>Generated</b> 04/20/2009 <b>Revision</b> 04/20/2009 <b>Supersedes Revision</b> 05/30/2007 <b>Date Created</b> 08/03/2006
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## Safety Data Sheet



### Section 1: Identification

#### Product identifier

**Product Name** • **Duralactin Feline L-lysine Paste**

**Synonyms** • 100504080; 100527409

**Product Description** • Thick, cream colored paste.

#### Relevant identified uses of the substance or mixture and uses advised against

**Recommended use** • Nutrient for cats.

**Restrictions on use** • Keep out of reach of children. Avoid contact with eyes and skin.

#### Details of the supplier of the safety data sheet

**Manufacturer** • Veterinary Products Laboratories  
P.O. Box 34820  
Phoenix, AZ 85067-4820  
United States  
  
www.vpl.com

#### Emergency telephone number

**Manufacturer** • 1-888-241-9545

**Manufacturer (Transportation)** • 1-800-424-9300 - CHEMTREC

**Manufacturer (Transportation)** • 1-703-527-3887 - CHEMTREC - Outside North America Collect Calls Accepted

### Section 2: Hazard Identification

#### United States (US)

According to: OSHA 29 CFR 1910.1200 HCS

#### Classification of the substance or mixture

**OSHA HCS 2012** • Not classified; does not meet hazard criteria.

#### Label elements

**OSHA HCS 2012**

**Hazard statements** • No label element(s) required

#### Other hazards

**OSHA HCS 2012**

• Under United States Regulations (29 CFR 1910.1200 - Hazard Communication Standard), this product is not considered hazardous.

## Section 3 - Composition/Information on Ingredients

### Substances

- Material does not meet the criteria of a substance.

### Mixtures

Composition		
Chemical Name	Identifiers	%
Sucrose	CAS:57-50-1	0.96%
Other ingredients	NDA	Balance

## Section 4: First-Aid Measures

### Description of first aid measures

#### Inhalation

- IF INHALED: If breathing is difficult, remove person to fresh air and keep at rest in a position comfortable for breathing. Call a physician if symptoms persist.

#### Skin

- IF ON SKIN: Wash with plenty of soap and water.

#### Eye

- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

#### Ingestion

- IF SWALLOWED: Rinse mouth. Get medical attention if symptoms occur.

### Most important symptoms and effects, both acute and delayed

- Refer to Section 11 - Toxicological Information.

### Indication of any immediate medical attention and special treatment needed

#### Notes to Physician

- Treat symptomatically and supportively.

## Section 5: Fire-Fighting Measures

### Extinguishing media

**Suitable Extinguishing Media** • Use appropriate extinguishing media for surrounding fire.

**Unsuitable Extinguishing Media** • None known.

### Special hazards arising from the substance or mixture

**Unusual Fire and Explosion Hazards** • None known.

**Hazardous Combustion Products** • No data available.

### Advice for firefighters

- Wear positive pressure self-contained breathing apparatus (SCBA).

## Section 6 - Accidental Release Measures



## Personal precautions, protective equipment and emergency procedures

### Personal Precautions

- Avoid contact with skin, eyes, and clothing.

### Emergency Procedures

- No emergency procedures are expected to be necessary if material is used under ordinary conditions as recommended.

## Environmental precautions

- No data available.

## Methods and material for containment and cleaning up

### Containment/Clean-up Measures

- Absorb spills with an inert material, clay granules or other inert absorbent material and put in container for disposal.  
Use appropriate Personal Protective Equipment (PPE)

## Section 7 - Handling and Storage

### Precautions for safe handling

#### Handling

- Avoid contact with skin or eyes. Wash thoroughly with soap and water after handling.

### Conditions for safe storage, including any incompatibilities

#### Storage

- Store in a cool/low-temperature, well-ventilated dry place away from heat and ignition sources. Keep out of reach of children. Keep container closed when not in use.

#### Incompatible Materials or Ignition Sources

- None known.

## Section 8 - Exposure Controls/Personal Protection

### Control parameters

#### Exposure Limits/Guidelines

- No data available.

Exposure Limits/Guidelines				
	Result	ACGIH	NIOSH	OSHA
Sucrose (57-50-1)	TWAs	10 mg/m <sup>3</sup> TWA	10 mg/m <sup>3</sup> TWA (total dust); 5 mg/m <sup>3</sup> TWA (respirable dust)	15 mg/m <sup>3</sup> TWA (total dust); 5 mg/m <sup>3</sup> TWA (respirable fraction)

### Exposure controls

#### Engineering

- No data available.

#### Measures/Controls

#### Personal Protective Equipment

##### Respiratory

- Not required with normal use. In case of insufficient ventilation, use NIOSH approved respiratory protection.

##### Eye/Face

- Not required with normal use. Wear safety glasses when handling in bulk.

##### Hands

- Not required with normal use. Wear chemical resistant gloves when handling in bulk.

##### Skin/Body

- Not required with normal use.

#### General Industrial Hygiene Considerations

- No data available.

#### Environmental Exposure

- No data available

**Controls****Section 9 - Physical and Chemical Properties****Information on Physical and Chemical Properties**

<b>Material Description</b>			
Physical Form	Solid Paste	Appearance/Description	Thick, cream colored paste.
Color	Cream	Odor	Fish-like
Odor Threshold	No data available	Physical and Chemical Properties	No data available
<b>General Properties</b>			
Boiling Point	100 °C(212 °F)	Melting Point/Freezing Point	No data available
Decomposition Temperature	No data available	pH	4.03 @ 25C
Specific Gravity/Relative Density	1.012 @ 70C	Bulk Density	No data available
Water Solubility	Insoluble	Viscosity	No data available
<b>Volatility</b>			
Vapor Pressure	No data available	Vapor Density	No data available
Evaporation Rate	No data available		
<b>Flammability</b>			
Flash Point	No data available	UEL	No data available
LEL	No data available	Autoignition	No data available
Flammability (solid, gas)	No data available		
<b>Environmental</b>			
Octanol/Water Partition coefficient	No data available		

**Section 10: Stability and Reactivity****Reactivity**

- Non-reactive under normal handling and storage conditions.

**Chemical stability**

- Stable under normal temperatures and pressures.

**Possibility of hazardous reactions**

- Hazardous polymerization will not occur.

**Conditions to avoid**

- No data available.

**Incompatible materials**

- No data available.

**Hazardous decomposition products**

- No data available.

**Section 11 - Toxicological Information****Information on toxicological effects**

GHS Properties	Classification
Acute toxicity	OSHA HCS 2012 • Acute Toxicity - Dermal - Classification criteria not met; Acute Toxicity - Inhalation - Classification criteria not met; Acute Toxicity - Oral - Classification criteria not met
Skin corrosion/Irritation	OSHA HCS 2012 • Classification criteria not met
Serious eye damage/Irritation	OSHA HCS 2012 • Classification criteria not met
Skin sensitization	OSHA HCS 2012 • Classification criteria not met
Respiratory sensitization	OSHA HCS 2012 • Classification criteria not met
Aspiration Hazard	OSHA HCS 2012 • Classification criteria not met
Carcinogenicity	OSHA HCS 2012 • Classification criteria not met
Germ Cell Mutagenicity	OSHA HCS 2012 • Classification criteria not met
Toxicity for Reproduction	OSHA HCS 2012 • Classification criteria not met
STOT-SE	OSHA HCS 2012 • Classification criteria not met
STOT-RE	OSHA HCS 2012 • Classification criteria not met

### Medical Conditions Aggravated by Exposure Potential Health Effects Inhalation

- No data available.
- Under normal conditions of use, no health effects are expected.
- No data available

### Skin

- Under normal conditions of use, no health effects are expected.
- No data available

### Eye

- Under normal conditions of use, no health effects are expected.
- No data available

### Ingestion

- Under normal conditions of use, no health effects are expected.
- No data available

### Mutagenic Effects

- Not classified.

### Carcinogenic Effects

- No component of this product present at 0.1% or greater is listed by IARC, OSHA or NTP.

### Reproductive Effects

- Not classified.

## Section 12 - Ecological Information

### Toxicity

- No data available

### Persistence and degradability

- No data available.

### Bioaccumulative potential

- No data available.

## Mobility in Soil

- No data available.

## Other adverse effects

### Potential Environmental Effects

- No data available.

## Section 13 - Disposal Considerations

### Waste treatment methods

#### Product waste

- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

#### Packaging waste

- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

## Section 14 - Transport Information

	UN number	UN proper shipping name	Transport hazard class (es)	Packing group	Environmental hazards
DOT	Not Applicable	Not Regulated	Not Applicable	Not Applicable	Not Applicable
IMO/IMDG	Not Applicable	Not regulated	Not Applicable	Not Applicable	Not Applicable
IATA/ICAO	Not Applicable	Not regulated	Not Applicable	Not Applicable	Not Applicable

**Special precautions for user** • None specified.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** • No data available

#### Other information

IMO/IMDG • No data available

IATA/ICAO • No data available

## Section 15 - Regulatory Information

### Safety, health and environmental regulations/legislation specific for the substance or mixture

**SARA Hazard Classifications** • None

Inventory		
Component	CAS	TSCA
Sucrose	57-50-1	Yes

## Section 16 - Other Information

### Revision Date

- 01/November/2016

<b>Last Revision Date</b>	<ul style="list-style-type: none"><li>• 06/October/2016</li></ul>
<b>Preparation Date</b>	<ul style="list-style-type: none"><li>• 06/October/2016</li></ul>
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