



**Pet King Brands, Inc.**

710 Vandustrial Dr. Westmont, IL 60559  
Toll Free: 888.PKB.5487 Tel: 630.241.3905 Fax: 630.241.5676  
E-mail: info@zymox.com Web Site: www.zymox.com

# Safety Data Sheet

## ZYMOX® TOPICAL SPRAY (0.5% Hydrocortisone)

---

### SECTION 1 – IDENTIFICATION

---

**PRODUCT:** Zymox Topical Spray with Hydrocortisone

**CHEMICAL NAME AND SYNONYMS:** Topical Spray

**TRADE NAME AND SYNONYMS:** Topical Spray

**FORMULA:** Mixture

**RECOMMENDED USE:** Animal Use

**COMPANY:** Pet King Brands Inc.

**EMERGENCY TELEPHONE NUMBER:** 1-888-752-5487

**ADDRESS (NUMBER, STREET, CITY, STATE, and ZIP):** 710 Vandustrial Dr. Westmont, IL 60559

---

### SECTION 2 – Hazard(s) Identification

---

**OSHA Classification (29 CFR 1910.1200):** Not classified

**Signal Word:** None

**Hazard Statement(s):** None Required

**Hazard symbols:** No significant hazard

**Precautionary statement(s):** None Required

**Pictogram(s) or Symbol(s):** None

#### Health

Handling this product in its final form presents minimal risk from occupational exposure. Health effects information is based on hazards of components.

#### Environment

No information is available about the potential of this product to produce adverse environmental effects.

#### Fire and Explosion Hazards

Not expected for the product.

---

### SECTION 3 – Composition and Information on Ingredients

---

<i>Chemical Name</i>	<i>% w/w</i>	<i>CAS #</i>
Hydrocortisone	0.5% and 1.0%	50-03-3
Benzyl Alcohol	Proprietary	100-51-6
Potassium Iodide	Proprietary	7681-11-0
Other Components	Proprietary	

Remaining components do not contribute any significant additional hazards.

This product contains no reportable hazardous components under OSHA 29 CFR 1910.1200

---

## SECTION 4 – First-Aid Measures

---

### Eyes Contact

Immediately flush eyes with plenty of water and seek medical advice.

### Skin Contact

After contact with skin, Wash immediately with plenty of soap and water. If skin reactions occur, seek medical attention.

### Inhalation

No first aid expected to be required. Not a route of exposure, no inhalation hazard expected. If difficulties arise, allow the victim to rest in well-ventilated area. Seek medical attention immediately.

### Ingestion

If swallowed, have conscious person drink several glasses of water. Never give an unconscious person anything to ingest. Seek medical attention immediately.

If Irritation or discomfort occurs from its intended use, discontinue use and consult a doctor. Do not use if tamper evident, plastic seal is broken or missing.

---

## SECTION 5 – Fire-fighting Measures and Explosion Data

---

<b>Fire and Explosion Hazards:</b>	Not expected for the product, packaging can be combustible.
<b>Flash Point:</b>	NA
<b>Flammable Limits:</b>	NA
<b>Extinguishing Media:</b>	Water is recommended for fires involving packaging. Use water spray, alcohol resistant foam, dry chemical or carbon dioxide.
<b>Unusual Fire and Explosion Hazards:</b>	NA

### Special Fire Fighting Procedures:

For single unit: No special requirements needed.  
For larger amounts (multiple package/pallets) of product: Full protective equipment and self contained breathing apparatus are recommended for firefighters.

### Hazardous Combustion

Toxic, corrosive or flammable thermal decomposition products may occur when the product is exposed to fire.

---

## SECTION 6 - Accidental Release Measures

---

### Personal Precautions

Wear protective clothing and equipment consistent with the degree of hazard.

### Environmental Precautions

For larger spills take precautions to prevent entry into waterways, sewers or surface drainage systems.

### Clean-up Method

Floor may become slippery. Dilute and clean up with water.

### Decontamination Procedures

No specific decontamination or detoxification procedures identified for this product.

---

## SECTION 7 - Handling and Storage

---

**Handling:** No Special control measures required for normal handling of this product. Normal room ventilation is expected to be adequate for routine handling of this product. Keep out of reach from children.

**Storage:** No storage requirements are considered necessary for the control of fire or explosion hazards.

---

## SECTION 8 - Exposure Controls and Personal Protection

---

**Permissible Exposure Limit (PEL):** Not available

**Threshold Limit Values (TLV):** Not available

**Respiratory Protection:** No special equipment required.

**Ventilation:** Use normal ventilation.

**Protective Gloves:** Usually not required.

**Eye Protection:** Usually not required; Wear protective glasses if eye contact is possible.

---

## SECTION 9 - Physical and Chemical Properties

---

**Appearance:** Clear Liquid  
**Odor:** None  
**Odor Threshold:** NDA  
**pH:** 5.0 – 6.0  
**Melting Point/Freezing Point:** NDA  
**Boiling Point:** NDA  
**Flash Point:** NDA  
**Evaporation Rate:** NDA  
**Flammability:** NDA  
**Flammability or explosive limits:** NDA  
**Vapor Pressure (mm Hg):** NDA  
**Vapor Density (Air=1):** NDA  
**Relative Density (H<sub>2</sub>O=1):** NDA  
**Solubility:** Soluble in water  
**Partition Coefficient:** NDA  
**Auto-ignition temperature:** NDA  
**Decomposition Temperature:** NDA  
**Viscosity:** NDA

---

## SECTION 10 – Stability and Reactivity

---

<b>Reactivity:</b>	Not reactive
<b>Stability:</b>	Product is expected to be stable.
<b>Hazardous Polymerization:</b>	Will not occur
<b>Conditions to Avoid:</b>	Avoid Heat
<b>Incompatibility (Materials to Avoid):</b>	None
<b>Hazardous Decomposition:</b>	No data available

---

## SECTION 11 – Toxicological Information

---

### Acute Toxicity

*Active Ingredient*  
Hydrocortisone

*LD50*  
(Oral-Rat) 5000 mg/kg  
(Intraperitoneal-Rat) 6720 mg/kg  
(Subcutaneous-Rat) 3260 mg/kg  
(Subcutaneous-Dog) >1 gm/kg

**Effects of over exposure:** This product may be an irritant and cause allergic reaction.

**Skin:** May be Mild skin irritation.

**Eyes:** Irritant

**Inhalation:** None known.

**Ingestion:** May be harmful if swallowed.

**Irritancy:** This product may mildly to moderately irritate contaminated tissue.

**Sensitization of product:** Corticosteroids (such as Hydrocortisone) may cause allergic contact dermatitis. The Benzyl Alcohol component of this product is a weak skin sensitizer; skin contact may cause an allergic reaction in sensitive individuals.

**Carcinogenicity:** No Carcinogenic substance as defined by NTP, IARC and/or OSHA

---

## SECTION 12 – Ecological Information

---

<b>Ecotoxicity:</b>	Product is not expected to be harmful.
<b>Persistence and Degradability:</b>	NDA
<b>Bioaccumulative potential:</b>	NDA
<b>Mobility in Soil:</b>	NDA
<b>Other adverse effects:</b>	No information is available about potential of this product to produce adverse environmental effects. Local regulations and procedures should be consulted prior to environmental release.
<b>General advice:</b>	Do not allow to enter surface waters or groundwater.

---

## SECTION 13 – Disposal Considerations

---

If discarded in its purchased form, this product would not be a hazardous waste either by listing or characteristic. However, under RCRA, it is responsibility of the product user to determine at the time of disposal, whether a

material containing the product or derived from the product should be classified as a hazardous waste. (40 CFR 261.20-24)

**Waste Disposal:** Dispose container in compliance with all federal, state and local regulations.

---

## SECTION 14 – Transport Information

---

**DOT Classification:** Not a DOT controlled material (United States)

**Proper Shipping name:** None

**Class:** None

**UN Number:** None

**Packaging group:** None

**Special Provisions for Transport:** None

---

## SECTION 15 – Regulatory Information

---

This information included below is an overview of the major regulatory requirements. It should not be considered to be an exhaustive summary. Local regulations should be consulted for additional requirements.

### US OSHA Standard (29 CFR Part 1910.1200)

This product is exempt from the requirements of OSHA Hazard Communication Standard.

### EU Classification and Labeling

Exempt from requirements of EU dangerous Preparation directives – product regulated as a medicinal product, cosmetic product or medical device.

### California Proposition 65

To the best of our knowledge, this product do not contain any of the listed chemicals, which State of California has found to cause cancer, birth defects or other reproductive harm.

### Other Regulations

No statements available.

**OSHA Hazcom Standard Rating** Non-Hazardous

---

## SECTION 16 – Other Information

---

### Abbreviations:

NA: Denotes not applicable information found or available

NDA: No Data Available

PEL: Permissible Exposure Limit

TLV: Threshold Limit Value

DOT: Department of Transportation

**Other Special Considerations:** No additional remark.

### Disclaimer:

This information furnished herein is believed to be accurate and represents the best data currently available to us. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, and disposal and is not to be considered a warranty or quality specification. No warranty, expressed or implied, is made and PKB, Inc. assumes no legal responsibility or liability resulting from its use. It is responsibility of the user to determine the applicability of this information and suitability of the material or product for any particular purpose.

Revision Date: 2/16/17