

MATERIAL SAFETY DATA SHEET

MYCODEX ALL-IN-ONE SPRAY

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Printed: 06/10/2008
Revision: 06/10/2008
Supercedes Revision: 08/27/2007

1. Product and Company Identification

Product Code: 270-359-43591
Product Name: MYCODEX ALL-IN-ONE SPRAY
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
3005788 16-oz

2. Composition/Information on Ingredients

Hazardous Components (Chemical Name)	CAS #	Concentration	OSHA PEL	ACGIH TLV	Other Limits
1. Pyrethrins and Pyrethroids	8003-34-7	0.15 %	No data.	No data.	5mg/m3TWA
2. Piperonyl butoxide	51-03-6	1.5 %	No data.	No data.	No data.
3. N-OCTYL BICYCLOHEPTENE DICARBOXIMIDE	113-48-4	0.5 %	No data.	No data.	No data.
4. Pyriproxyfen (NYLAR/BIOLAR)	95737-68-1	0.15 %	No data.	No data.	No data.

3. Hazards Identification

Emergency Overview

No data available.

Route(s) of Entry: Inhalation? Yes Skin? Yes Eyes? Yes Ingestion? Yes

Potential Health Effects (Acute and Chronic)

No data available.

LD 50 / LC 50

oral rat LD 50 = 5525 mg/kg males

Signs and Symptoms Of Exposure

Note: This product was determined by the U.S. EPA to be "substantially similar" to EPA Reg. No. 37425-42, Adams Flea & Tick Mist with Nylar. Data presented is for that

Avoid eye contact

SKIN CONTACT: Irritation immediately after direct contact is not expected. However, skin contact should be avoided.

EYE CONTACT: Irritation may occur following direct contact. Symptoms. might include redness, swelling or discharge

INHALATION: Mist or vapor is not expected to be toxic. However, inhalation should be avoided.

Medical Conditions Generally Aggravated By Exposure

None determined.

4. First Aid Measures

Emergency and First Aid Procedures

SKIN CONTACT: Remove contaminated clothing and was affected area with soap and water. Obtain medical assistance if irritation or other unusual symptoms occur.

EYE CONTACT: Wash eyes with water for at least 15 minutes then obtain medical assistance.

INHALATION: In cases of overexposure, move exposed person to fresh air. Refer to a physician if subject experiences difficulty breathing. If breathing has stopped, perform cardiopulmonary resuscitation (CPR) and seek immediate medical assistance.

INGESTION: In the event of swallowing this material, do not induce vomiting. Treat subject symptomatically

and supportively. Get immediate medical assistance.

NOTE TO PHYSICIAN: This material contains pyrethrin insecticides. In cases of over exposure, consult a poison control center for detailed information concerning pyrethrin poisoning and treatment.

5. Fire Fighting Measures

Flash Pt: 59.00 F
Explosive Limits: LEL: No data. UEL: No data.
Autoignition Pt: 460.00 F

Fire Fighting Instructions

Self contained breathing apparatus and full protective equipment are recommended for firefighters. Toxic gases can be expected in fires of this material.

Flammable Properties and Hazards

Flammable liquid. Vapors are heavier than air and may travel to a flame or point of ignition.

Extinguishing Media

Use water, carbon dioxide or foam.

Unsuitable Extinguishing Media

No data available.

6. Accidental Release Measures

Steps To Be Taken In Case Material Is Released Or Spilled

SPILLS: For large spills, isolate the spill area, restrict access and post the area for hazards present (flammable liquid, eye irritant) and necessary precautions. Extinguish open flames and shut off sources of ignition. Wear appropriate protective equipment to avoid skin contact and eye contact. Avoid sparks and open flames. Mix with sand or absorbent material and scoop or shovel into a suitable, properly labeled container for recovery or disposal.

7. Handling and Storage

Hazard Label Information:

Store in cool, dry area Avoid storing near food stuffs, seeds

Precautions To Be Taken in Handling

HANDLING: Use with adequate ventilation.

STORAGE: Do not transfer to other containers.

Other Precautions

ECOLOGICAL INFORMATION: This product is toxic to fish. Use with care when apply areas adjacent to any body of water. Do not add directly to water. Do not contaminate water by cleaning or equipment or disposal of wastes.

DISPOSAL CONSIDERATIONS: Triple rinse (or equivalent). Then offer for recycling, or puncture and discard in trash. The container is made of High Density Polyethylene (HDPE) #2 and can be offered for recycling.

8. Exposure Controls/Personal Protection

Protective Equipment Summary - Hazard Label Information:

Impervious gloves Clothes to prevent skin contact

Respiratory Equipment (Specify Type)

Under manufacturing conditions an appropriate respirator should be used if respiratory discomfort occurs. For US operations, OSHA 29 CFR 1910.134 must be followed if respirator use is employed in the workplace. For non US operations, review pertinent local regulations.

Eye Protection

Under manufacturing conditions goggles are recommended if eye contact is possible

Protective Gloves

Avoid skin contact or wear impervious gloves when handling this material

Other Protective Clothing

Wear clothing with long sleeves to avoid skin contact.

Engineering Controls (Ventilation etc.)

No data available.

9. Physical and Chemical Properties

Physical States: [] Gas [X] Liquid [] Solid
Melting Point: N.A.
Boiling Point: 82.00 C
Autoignition Pt: 460.00 F
Flash Pt: 59.00 F
Explosive Limits: LEL: No data. UEL: No data.
Specific Gravity (Water = 1): .804
Vapor Pressure (vs. Air or mm Hg): N.A.
Vapor Density (vs. Air = 1): 2.07
Evaporation Rate (vs Butyl Acetate=1): N.A.
Solubility in Water: No data.
Solubility Notes
 Soluble in water
Percent Volatile: N.A.
Corrosion Rate: No data.
pH: No data.

Appearance and Odor

A yellow liquid with an alcohol odor.

10. Stability and Reactivity

Stability: Unstable [] Stable [X]

Conditions To Avoid - Instability

Stable under normal conditions

Incompatibility - Materials To Avoid

Incompatible with strong oxidizing agents such as household bleach, anhydrides, isocyanates and organometallics.

Hazardous Decomposition Or Byproducts

No data available.

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

Conditions To Avoid - Hazardous Polymerization

No data available.

11. Toxicological Information

No data available.

Carcinogenicity/Other Information

No data available.

Hazardous Components (Chemical Name)	CAS #	NTP	IARC	ACGIH	OSHA
1. Pyrethrins and Pyrethroids	8003-34-7	n.a.	n.a.	A4	n.a.
2. Piperonyl butoxide	51-03-6	n.a.	n.a.	n.a.	n.a.
3. N-OCTYL BICYCLOHEPTENE DICARBOXIMIDE	113-48-4	n.a.	n.a.	n.a.	n.a.

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4. Pyriproxyfen (NYLAR/BIOLAR)	95737-68-1	n.a.	n.a.	n.a.	n.a.
Carcinogenicity:	NTP? No	IARC Monographs? No	OSHA Regulated? No		

12. Ecological Information

No data available.

13. Disposal Considerations

Waste Disposal Method

No data available.

14. Transport Information

LAND TRANSPORT (US DOT)

DOT Proper Shipping Name

No data available.

DOT Hazard Label:

Flammable Liquid

15. Regulatory Information

No data available.

16. Other Information

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.