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# M A T E R I A L   S A F E T Y   D A T A   S H E E T

## SECTION 1. Product and Company Identification Adams Dual Action Flea & Tick Collar

**Product Code:** 2517-61-37425**Product Name:** Adams Dual Action Flea & Tick Collar**Manufacturer Name and  
Address:****Telephone  
Numbers:****Dates:**

Distributed by:

CHEMTREC

(800)424-9300

Date Created:  
09/25/2003

Farnam Companies, Inc.

District of Columbia (202)483-0414

Revision:  
04/26/2007301 West Osborn Road  
Phoenix, AZ.

Farnam Companies, In (800)234-2269

Printed: 04/26/2007

**Additional Identity Information**

Large Dogs - Blue

Large Dogs - Red

Medium Dogs - Blue

Medium Dogs - Blue

Cats

## SECTION 2. Composition/Information on Ingredients Adams Dual Action Flea & Tick Collar

Hazardous Components (Chemical Name)	CAS #	Concentration
1. N-OCTYL BICYCLOHEPTENE DICARBOXIMIDE	113-48-4	3.0 %
2. Phenothrin {2,2-Dimethyl-3-(2-methyl-1-propenyl)cyclopropanecarboxylic acid (3-phenoxyphenyl)methy	26002-80-2	3.0 %
3. Propoxur {Phenol,2-(1-methylethoxy)-,methylcarbamate; Baygon}	114-26-1	9.0 %

**OSHA PEL****ACGIH TLV**

1. No data.

No data.

- |    |          |          |
|----|----------|----------|
| 2. | No data. | No data. |
| 3. | No data. | No data. |
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## **SECTION 3. Hazards Identification Adams Dual Action Flea & Tick Collar**

### **Emergency Overview**

No data available.

**Route(s) of Entry:** Inhalation? Yes , Skin? Yes , Eyes? Yes , Ingestion? No

### **Potential Health Effects (Acute and Chronic)**

No data available.

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

### **Carcinogenicity/Other Information**

No data available.

### **Signs and Symptoms Of Exposure**

May cause cholinesterase inhibition. May cause blurred vision, profuse sweating. cramps, nausea, vomiting, twitching, tremors, or convulsion. Long term exposure may cause weakness and anorexia resembling influenza.

### **Medical Conditions Generally Aggravated By Exposure**

No data available.

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## **SECTION 4. First Aid Measures Adams Dual Action Flea & Tick Collar**

### **Emergency and First Aid Procedures**

If swallowed, do NOT induce vomiting. Give victim a glass of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

**IF IN EYES:** Flush immediately with water. Hold eyelids apart and flush eyes with plenty of water.

After initial flushings, remove any contact lenses and continue flushing for at least 15 minutes. Have eyes examined and tested by medical personnel.

**IF ON SKIN:** Remove contaminated clothing and launder before reuse. Wash skin with soap and water.

Get medical attention.

### **Note to Physician**

Dust released by this collar is a cholinesterase inhibitor. Atropine is antidotal and preferably given I.V. to effect if toxic signs are present.

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## **SECTION 5. Fire Fighting Measures Adams Dual Action Flea & Tick Collar**

**Flash Pt:** No data. **Method Used:** No data.

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

### **Extinguishing Media**

As appropriate for surrounding materials

### **Fire Fighting Instructions**

As in any fire involving chemicals, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH approved or equivalent and full protective gear.

### **Flammable Properties and Hazards**

No data available.

### **Hazardous Combustion Products**

In fire conditions, CO, CO<sub>2</sub>, and NO<sub>x</sub>, PO<sub>x</sub>, and SO<sub>x</sub> may be produced.

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## **SECTION 6. Accidental Release Measures Adams Dual Action Flea & Tick Collar**

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

Salvage if not contaminated. Sweep and/or scoop up spill, dispose of any unusable material as approved by federal, state and local regulations.

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## **SECTION 7. Handling and Storage Adams Dual Action Flea & Tick Collar**

### **Precautions To Be Taken in Handling**

Use only in a well ventilated area.

### **Precautions To Be Taken in Storing**

No data available.

### **Other Precautions**

No data available.

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## **SECTION 8. Exposure Controls/Personal Protection Adams Dual Action Flea & Tick Collar**

### **Respiratory Equipment (Specify Type)**

None needed under conditions of normal use.

### **Eye Protection**

Eye wash station in work area

**Protective Gloves**

No data available.

**Other Protective Clothing**

No data available.

**Engineering Controls (Ventilation etc.)**

No data available.

**Work/Hygienic/Maintenance Practices**

Contaminated clothing and shoes should be cleaned before reuse. Eye wash stations should be available.

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

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**SECTION 9. Physical and Chemical Properties  
Adams Dual Action Flea & Tick Collar**

**Physical States:**  Gas ,  Liquid ,  Solid

**Boiling Point:** No data.

**Melting Point:** No data.

**Specific Gravity (Water = 1):** 1.15

**Density:** No data.

**Vapor Pressure (vs. Air or mm Hg):** No data.

**Vapor Density (vs. Air = 1):** No data.

**Evaporation Rate (vs Butyl Acetate=1):** No data.

**Solubility in Water:** No data.

**Percent Volatile:** N.A.

**Saturated Vapor Concentration:** No data.

**Viscosity:** No data.

**pH:** No data.

**Appearance and Odor**

PVC strip with baby powder odor.

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**SECTION 10. Stability and Reactivity  
Adams Dual Action Flea & Tick Collar**

**Stability:** Unstable  Stable

**Conditions To Avoid - Instability**

No data available.

**Incompatibility - Materials To Avoid**

No data available.

**Hazardous Decomposition Or Byproducts**

No data available.

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

**Conditions To Avoid - Hazardous Polymerization**

No data available.

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**SECTION 11. Toxicological Information  
Adams Dual Action Flea & Tick Collar**

No data available.

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**SECTION 12. Ecological Information  
Adams Dual Action Flea & Tick Collar**

No data available.

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**SECTION 13. Disposal Considerations  
Adams Dual Action Flea & Tick Collar**

**Waste Disposal Method**

No data available.

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**SECTION 14. Transport Information  
Adams Dual Action Flea & Tick Collar**

**DOT Proper Shipping Name**

No data available.

**Additional Transport Information**

No data available.

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**SECTION 15. Regulatory Information  
Adams Dual Action Flea & Tick Collar**

No data available.

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## **SECTION 16. Other Information**

### **Adams Dual Action Flea & Tick Collar**

**Supersedes Revision 08/30/2006**

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