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:
Distributed by: CHEMTREC
Farnam Companies, Inc.
301 West Osborn Road
Phoenix, AZ.

Additional Identity Information
Large Dogs - Blue
Large Dogs - Red
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.
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.

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 preferabley given I.V. to effect if toxic signs are present.
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, CO2, and NOx, POx, and SOx may be produced.

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.

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.

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, [ X ] 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 [ X ]
- **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.

SECTION 11. Toxicological Information
Adams Dual Action Flea & Tick Collar
No data available.

SECTION 12. Ecological Information
Adams Dual Action Flea & Tick Collar
No data available.

SECTION 13. Disposal Considerations
Adams Dual Action Flea & Tick Collar
Waste Disposal Method
No data available.

SECTION 14. Transport Information
Adams Dual Action Flea & Tick Collar
DOT Proper Shipping Name
No data available.
Additional Transport Information
No data available.

SECTION 15. Regulatory Information
Adams Dual Action Flea & Tick Collar
No data available.
SECTION 16. Other Information
Adams Dual Action Flea & Tick Collar

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