SECTION 1. Product and Company Identification
Adams Flea & Tick Collar for Dogs

Product Code: 2724-254-270-AD
Product Name: Adams Flea & Tick Collar for Dogs

Manufacturer Name and Address: Distributed by: CHEMTREC
Farnam Companies, Inc. 301 West Osborn Road
District of Columbia Farnam Companies, In
Phoenix, AZ.

Manufacturer Name: Farnam Companies, Inc. District of Columbia
Address: 301 West Osborn Road Phoenix, AZ.

Responsible Person: SFaith/Regulatory , Phone #: (800)234-2269

Additional Identity Information
Small dog (3006045), Large dog (3006046)

SECTION 2. Composition/Information on Ingredients
Adams Flea & Tick Collar for Dogs

Hazardous Components (Chemical Name)  CAS #  Concentration
1. Propoxur {Phenol,2-(1-methylethoxy)-,methylcarbamate; Baygon}  114-26-1  10.0 %

OSHA PEL  ACGIH TLV
1. No data.  0.5 mg/m3

SECTION 3. Hazards Identification
Adams Flea & Tick Collar for Dogs

Emergency Overview
PRECAUTIONARY STATEMENT
Caution: Do not allow children to play with this collar. Do not open protective pouch until ready to use. Dust will form on this collar during storage. Do not get dust or collar in mouth, harmful if swallowed Do not get in eyes, will cause temporary pupillary constriction. The dust released by this collar is a cholinesterase inhibitor. Wash hands thoroughly with soap and water after handling.

Route(s) of Entry: Inhalation? N.A. , Skin? Yes , Eyes? Yes , Ingestion? N.A.
Potential Health Effects (Acute and Chronic)
No data available.
Carcinogenicity/Other Information
No data available.

Signs and Symptoms Of Exposure
Due to product form, method of use, and use history, human intoxication has not been reported. However, propoxur is a cholinesterase inhibitor that may produce the following symptoms: headache, nausea, vomiting, diarrhea, tightness in chest, ataxia, anorexia, tearing, sweating, salivation, pin-point pupils, pulmonary edema, cyanosis, convulsions.

Medical Conditions Generally Aggravated By Exposure
No data available.

SECTION 4. First Aid Measures
Adams Flea & Tick Collar for Dogs

Emergency and First Aid Procedures
IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes.
IF ON SKIN: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes.
IF INGESTED: Call a physician or poison Control Center immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by poison control center or doctor. Do not give anything by mouth to an unconscious person.
IF INHALED: Remove person to fresh air.

Note to Physician
Atropine is antidotal and preferably given I.V. to effect if toxic signs are present.

SECTION 5. Fire Fighting Measures
Adams Flea & Tick Collar for Dogs

Flash Pt: NR Method Used: No data.
Explosive Limits: LEL: No data. UEL: No data.
Extinguishing Media
Water fog, foam, CO2.

Fire Fighting Instructions
Firefighters should wear full protective clothing including self-contained breathing apparatus. Normal procedures. Do not allow fire fighting water to escape into water-ways or sewers.

Flammable Properties and Hazards
None known.

Hazardous Combustion Products
Highly irritating methyl isocyanate gas and fumes of hydrogen chloride can be formed during burning.

SECTION 6. Accidental Release Measures
Adams Flea & Tick Collar for Dogs
Steps To Be Taken In Case Material Is Released Or Spilled
Because of individual packaging, possibilities of a release or spill are remote. However, should one occur, place in container for proper disposal

SECTION 7. Handling and Storage
Adams Flea & Tick Collar for Dogs

Precautions To Be Taken in Handling
Wash hands and face thoroughly with soap and water after handling product. Do not allow children to handle collar.

Precautions To Be Taken in Storing
Store in original unopened container. Do not open protective pouch until ready to use.

Other Precautions
No data available.

SECTION 8. Exposure Controls/Personal Protection
Adams Flea & Tick Collar for Dogs

Respiratory Equipment (Specify Type)
If extensive exposure is anticipated, users and handlers should wear a NIOSH approved organic vapor/dust/pesticide respirator.

Eye Protection
No data available.

Protective Gloves
No data available.

Other Protective Clothing
If extensive exposure is anticipated, users and handlers should wear impervious gloves, goggles, and other appropriate clothing to prevent skin contact.

Engineering Controls (Ventilation etc.)
Natural ventilation is sufficient.

SECTION 9. Physical and Chemical Properties
Adams Flea & Tick Collar for Dogs

Physical States: [ ] Gas, [ ] Liquid, [ X ] Solid
Boiling Point: No data.
Melting Point: 90.00 C
Specific Gravity (Water = 1): 1.2
Density: No data.
Vapor Pressure (vs. Air or mm Hg): 1.29 mPa at 20.0 C
Vapor Density (vs. Air = 1): No data.
Evaporation Rate (vs Butyl Acetate=1): No data.
Solubility in Water: No data.
Percent Volatile: No data.
Saturated Vapor Concentration: No data.
Viscosity: No data.
pH: No data.
Appearance and Odor
Plastic strips with powdery surface, faint phenolic odor.

SECTION 10. Stability and Reactivity
Adams Flea & Tick Collar for Dogs

Stability: Unstable [ ] Stable [ X ]
Conditions To Avoid - Instability
No data available.
Incompatibility - Materials To Avoid
Strong acids.
Hazardous Decomposition Or Byproducts
Methyl isocyanate gas, toxic fumes of C1, oxides of nitrogen can be formed on burning.
Hazardous Polymerization: Will occur [ ] Will not occur [ X ]
Conditions To Avoid - Hazardous Polymerization
No data available.

SECTION 11. Toxicological Information
Adams Flea & Tick Collar for Dogs

ACUTE TOXICITY
Oral: LD50 (rat): >68 mg/kg (Propoxur)
Dermal: LD50 (rabbit): >2.000 mg/kg (Propoxur)
Inhalation: LC50 (rat): 0.5 mg/L (4 hour study) (Propoxur)

Skin Irritation: Minimally irritating
Eye Irritation: Mildly irritating
Sensitizer: Not a sensitizer

Chronic Toxicological Effects
CHRONIC TOXICITY [Specific to Active Ingredient(s)]
In a combined chronic/carcinogenicity toxicity study, rats were fed doses at a maximum 5,000 ppm (222-292 mg/kg/day) for up to 2 years. The NOEL was 200 ppm (8.2 mg/kg/day for males and 11.0 mg/kg/day for females) based on reduced weight gain and urinary bladder hyperplasia.

DEVELOPMENTAL/REPRODUCTIVE TOXICITY [Specific to Active Ingredient(s)]
In a developmental toxicity study in rabbits, animals were orally dosed at concentrations up to 30 mg/kg/day. The NOEL for maternal and developmental toxicity was 10 mg/kg/day based on fetal body weight

MUTAGENICITY [Specific to Active Ingredient(s)]
The weight of evidence suggests that Propoxur is not a mutagen.

SECTION 12. Ecological Information
Adams Flea & Tick Collar for Dogs
Propoxur is highly toxic to honey bees.
Acute Toxicity: fish: LC50 (bluegill): 4.8 ppm (96 hour study), (trout): 3.55 ppm (96 hour study); aquatic invertebrates: Daphnia: very highly toxic

SECTION 13. Disposal Considerations
Adams Flea & Tick Collar for Dogs

Waste Disposal Method
Do not reuse container or used collar. Do not contaminate water, feed or food by disposal. If household waste, wrap and put in trash. For larger quantities: dispose of at a state/EPA approved hazardous waste facility.

SECTION 14. Transport Information
Adams Flea & Tick Collar for Dogs

DOT Proper Shipping Name
Not regulated as hazardous by D.O.T.
Freight Classification: Collars, animal insect repellent, in individual retail containers in boxes: NMFC 49998 Sub 1 Class 100. In individual paper and foil laminated pouches other than individual retail containers, in boxes: NMFC 49998 Sub 2 Class 85

Additional Transport Information
No data available.

SECTION 15. Regulatory Information
Adams Flea & Tick Collar for Dogs

No data available.

SECTION 16. Other Information
Adams Flea & Tick Collar for Dogs

Supercedes Revision 12/07/2006

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<tr>
<th>NFPA Hazard Ratings:</th>
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<tbody>
<tr>
<td>Flammability</td>
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<tr>
<td>Health</td>
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<td>Extreme: 4</td>
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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.