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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 Flea & Tick Shampoo

Product Code: 37425-4, **Reference #:** 6635**Product Name:** Adams Flea & Tick Shampoo**Manufacturer Name and
Address:****Telephone
Numbers:****Dates:**

Distributed by:

CHEMTREC

(800)424-9300

Date Created:
03/22/1999

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

SECTION 2. Composition/Information on Ingredients Adams Flea & Tick Shampoo

	Hazardous Components (Chemical Name)	CAS #	Concentration
1.	Piperonyl butoxide {2-(2-butoxyethoxy)ethyl 6-propylpiperonyl ether}	51-03-6	1.5 %
2.	N-OCTYL BICYCLOHEPTENE DICARBOXIMIDE	113-48-4	0.5 %
3.	Pyrethrins and Pyrethroids {Cinerin I or II; Pyrethrum}	8003-34-7	0.15 %
	OSHA PEL	ACGIH TLV	
1.	No data.	No data.	
2.	No data.	No data.	
3.	No data.	No data.	

SECTION 3. Hazards Identification Adams Flea & Tick Shampoo

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.

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

Carcinogenicity/Other Information

No data available.

Recommended Exposure Limits

5 mg/m³ ACGIH TWA

LD 50 / LC 50

Dermal LD50 > 2000 MG/KG in rabbits

Signs and Symptoms Of Exposure

SKIN CONTACT: Irritation can occur following direct contact with this material. Symptoms such as itching, redness or swelling may be immediate or delayed.

EYE CONTACT: Irritation can occur following direct contact with this material. Symptoms might include redness, swelling, blurred vision, or pain.

INHALATION: Inhalation is not expected during normal use of product. Mist or vapor may be toxic. Symptoms after over exposure might include irritation, itching sensation, asthma-like breathing, coughing, nausea, vomiting, diarrhea, headache, dizziness, salivation, sweating or fatigue, incoordination and tremors. Depressant effects similar to those produced by alcohol may also occur following over exposure.

INGESTION: Ingestion is not expected during normal use of product. However, ingestion should be avoided. Symptoms after over exposure might include irritation, coughing, nausea, vomiting, diarrhea, headache, dizziness, salivation, sweating or fatigue.

Medical Conditions Generally Aggravated By Exposure

Asthmatics

Additional Hazards Information

ECOLOGICAL INFORMATION

ACUTE AQUATIC EFFECTS: This mixture is toxic to fish. Do not add directly to water. Do not wash animal where runoff is likely to occur.

SECTION 4. First Aid Measures

Adams Flea & Tick Shampoo

Emergency and First Aid Procedures

SKIN CONTACT: Remove contaminated clothing and flush exposed area with water thoroughly for 15 minutes. Obtain medical assistance if irritation occurs, which may be delayed.

EYE CONTACT: Flush eyes continuously with water for at least 15 minutes and obtain immediate

medical attention. **NOTE TO PHYSICIAN:** Consider further flushing of eyes with large amounts of water or saline.

INHALATION: General procedures for inhalation overexposures are as follows. Move exposed subject to fresh air and seek medical assistance if subject experiences difficulty breathing. **IF BREATHING HAS STOPPED START BASIC LIFE SUPPORT AND SEEK IMMEDIATE MEDICAL ASSISTANCE.**

INGESTION: In the event of ingestion of this material, seek immediate medical attention. Do not induce vomiting. Treat subject symptomatically and supportively.

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

ANTIDOTES: No specific antidotes known.

Note to Physician

No data available.

**SECTION 5. Fire Fighting Measures
Adams Flea & Tick Shampoo**

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

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

Extinguishing Media

Non-Flammable

Fire Fighting Instructions

Toxic or corrosive gases are expected in fires involving this mixture. Self-contained breathing apparatus and full protective equipment are recommended for firefighters. Move containers from fire area if possible without increased personal risk. Dike area if possible to contain water for later disposal.

Flammable Properties and Hazards

Product is non-flammable

Hazardous Combustion Products

No data available.

Additional Fire Fighting Information

FIRE CONTROL: This material is not expected to support combustion. Toxic or corrosive gases are expected during a fire or heating of this material.

**SECTION 6. Accidental Release Measures
Adams Flea & Tick Shampoo**

Steps To Be Taken In Case Material Is Released Or Spilled

SPILLS: No special procedures required for small spills.

For large spills, isolate the spill area, restrict access and post the area for hazards present (skin irritant), (eye irritant) and necessary precautions. Wear appropriate protective equipment to avoid skin contact

and eye contact. Mix with sand or absorbent material and scoop or shovel into a suitable, properly labeled container for recovery or disposal.

DECONTAMINATION PROCEDURES: None

SECTION 7. Handling and Storage Adams Flea & Tick Shampoo

Hazard Label Information:

Store away from incompatible material

Precautions To Be Taken in Handling

HANDLING: Use with adequate ventilation.

STORAGE: Store in a cool, dry place away from heat and other containers of food or feed. Do not transfer to other containers.

Precautions To Be Taken in Storing

No data available.

Other Precautions

No data available.

SECTION 8. Exposure Controls/Personal Protection Adams Flea & Tick Shampoo

Respiratory Equipment (Specify Type)

Respirators are not required for the normal use of this material.

Eye Protection

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.

Work/Hygienic/Maintenance Practices

Wash hands and arms thoroughly after handling this material. Clean up spills immediately.

Additional Exposure Control Information

ORAL TOXICITY: The estimated oral LD50 > 1500 mg/kg in rats.

SECTION 9. Physical and Chemical Properties Adams Flea & Tick Shampoo

Physical States: Gas , Liquid , Solid
Boiling Point: 92.00 C to 96.00 C
Melting Point: -5.00 C to 4.00 C
Specific Gravity (Water = 1): 1.022 at 25.0 C
Density: No data.
Vapor Pressure (vs. Air or mm Hg): N.A.
Vapor Density (vs. Air = 1): N.A.
Evaporation Rate (vs Butyl Acetate=1): 1N.A.
Solubility in Water: N.A.
Percent Volatile: N.A.
Saturated Vapor Concentration: No data.
Viscosity: No data.
pH: 7-7.5
Appearance and Odor
Clear blue-green liquid with a perfume odor.

SECTION 10. Stability and Reactivity Adams Flea & Tick Shampoo

Stability: Unstable Stable

Conditions To Avoid - Instability

Avoid direct sunlight, conditions that might generate heat and temperatures below 0 degrees C.

Incompatibility - Materials To Avoid

Strong oxidizing agents and strong alkalis.

Hazardous Decomposition Or Byproducts

No data available.

Hazardous Polymerization: Will occur Will not occur

Conditions To Avoid - Hazardous Polymerization

No data available.

SECTION 11. Toxicological Information Adams Flea & Tick Shampoo

No data available.

SECTION 12. Ecological Information Adams Flea & Tick Shampoo

No data available.

SECTION 13. Disposal Considerations Adams Flea & Tick Shampoo

Waste Disposal Method

Do not reuse empty container. Rinse thoroughly, wrap container in several layers of newspaper, and discard in trash. Observe all local and national regulations when disposing of this mixture.

SECTION 14. Transport Information Adams Flea & Tick Shampoo

DOT Proper Shipping Name

Gallon: ORM-D

6- or 12-oz do not require ORM-D markings

Additional Transport Information

No data available.

SECTION 15. Regulatory Information Adams Flea & Tick Shampoo

No data available.

SECTION 16. Other Information Adams Flea & Tick Shampoo

Supersedes Revision 10/12/2005

ECOLOGICAL INFORMATION:

This mixture contains material that may be toxic to fish.

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.
