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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 Water Based Flea & Tick Mist

Product Code: 37425-18**Product Name:** Adams Water Based Flea & Tick Mist**Manufacturer Name and Address:****Telephone Numbers:****Dates:**

Distributed by:

CHEMTREC

(800)424-9300

Date Created:
01/22/1999

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 Water Based Flea & Tick Mist

	Hazardous Components (Chemical Name)	CAS #	Concentration
1.	Permethrin {Cyclopropanecarboxylic acid, 3-(2,2-Dichloroethenyl)-2,2-dimethylcyclopropane carboxylic acid}	52645-53-1	0.2 %
2.	Pyrethrins and Pyrethroids {Cinerin I or II; Pyrethrum}	8003-34-7	0.2 %
3.	Piperonyl butoxide {2-(2-butoxyethoxy)ethyl 6-propylpiperonyl ether}	51-03-6	0.5 %
4.	N-OCTYL BICYCLOHEPTENE DICARBOXIMIDE	113-48-4	2.0 %
5.	Dipropyl isocinchomeronate {2,5-pyridinedicarboxylic acid, dipropyl ester}	136-45-8	1.0 %
6.	BUTOXY POLYPROPYLENE GLYCOL	9003-13-8	5.0 %

OSHA PEL**ACGIH TLV**

1. No data.

No data.

2. No data.

No data.

3.	No data.	No data.
4.	No data.	No data.
5.	No data.	No data.
6.	No data.	No data.

SECTION 3. Hazards Identification Adams Water Based Flea & Tick Mist

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 components are listed as carcinogens by IARC, NTP, or OSHA.

LD 50 / LC 50

Oral LD 50 is > 5000 mg/kg in rats

Signs and Symptoms Of Exposure

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

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.

INGESTION: Toxicity following ingestion is not expected. However, ingestion should be avoided.

Medical Conditions Generally Aggravated By Exposure

None known

SECTION 4. First Aid Measures Adams Water Based Flea & Tick Mist

Emergency and First Aid Procedures

SKIN CONTACT: Wash exposed area with soap and water, remove contaminated clothing and obtain medical assistance if irritation occurs.

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

INHALATION: Move exposed person to fresh air. Refer to a physician if subject experiences difficulty breathing. If breathing has stopped institute basic life support 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 additional information concerning pyrethrin poisoning and treatment.

ANTIDOTES: NONE

Note to Physician

No data available.

SECTION 5. Fire Fighting Measures Adams Water Based Flea & Tick Mist

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

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

Autoignition Pt: N.A. **Extinguishing Media**

Water

Fire Fighting Instructions

Self-contained breathing apparatus and full protective gear. Toxic or corrosive gases can be expected in fires of this material.

Flammable Properties and Hazards

None known

Hazardous Combustion Products

No data available.

SECTION 6. Accidental Release Measures Adams Water Based Flea & Tick Mist

Steps To Be Taken In Case Material Is Released Or Spilled

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.

SECTION 7. Handling and Storage Adams Water Based Flea & Tick Mist

Hazard Label Information:

Avoid mechanical shock.

Precautions To Be Taken in Handling

HANDLING: Use with adequate ventilation.

STORAGE: Store in a cool, dry place away from heat, open flames 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 Water Based Flea & Tick Mist

Protective Equipment Summary - Hazard Label Information:

OXY - Oxidizer

Respiratory Equipment (Specify Type)

An appropriate respirator should be used if respiratory discomfort occurs. For U.S. operations, OSHA 29 CFR 1910.134 must be followed if respirator use is employed in the workplace. For non U.S. operations, review pertinent local regulations.

Eye Protection

Glasses or 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.

SECTION 9. Physical and Chemical Properties Adams Water Based Flea & Tick Mist

Physical States:	<input type="checkbox"/> Gas , <input checked="" type="checkbox"/> Liquid , <input type="checkbox"/> Solid
Boiling Point:	99.00 C to 100.00 C
Melting Point:	-2.00 C to 0.00 C
Specific Gravity (Water = 1):	1.005
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):	1
Solubility in Water:	No data.

Percent Volatile: N.A.
Saturated Vapor Concentration: No data.
Viscosity: No data.
pH: No data.
Appearance and Odor
Cream colored liquid with a light fragrance

SECTION 10. Stability and Reactivity

Adams Water Based Flea & Tick Mist

Stability: Unstable [] Stable [X]

Conditions To Avoid - Instability

None known

Incompatibility - Materials To Avoid

None known

Hazardous Decomposition Or Byproducts

None known

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

Conditions To Avoid - Hazardous Polymerization

Product will not undergo polymerization.

SECTION 11. Toxicological Information

Adams Water Based Flea & Tick Mist

No data available.

SECTION 12. Ecological Information

Adams Water Based Flea & Tick Mist

No data available.

SECTION 13. Disposal Considerations

Adams Water Based Flea & Tick Mist

Waste Disposal Method

Do not reuse empty containers. Observe all federal, state and local regulations when disposing of this material.

SECTION 14. Transport Information Adams Water Based Flea & Tick Mist

DOT Proper Shipping Name

No data available.

Additional Transport Information

No data available.

SECTION 15. Regulatory Information Adams Water Based Flea & Tick Mist

No data available.

SECTION 16. Other Information Adams Water Based Flea & Tick Mist

Supersedes Revision 04/14/2006

ECOLOGICAL INFORMATION:

This mixture contains material that is 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.
