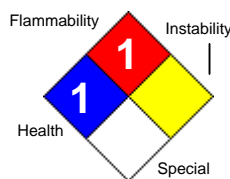


MATERIAL SAFETY DATA SHEET

Adams Plus Yard Spray

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Printed: 01/08/2007
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Date Created: 12/08/2006

1. Product and Company Identification

Product Code: 28293-271-270A
Product Name: Adams Plus Yard Spray
Reference #: 3006022
Manufacturer Information
Company Name: Distributed by:
Farnam Companies, Inc.
301 West Osborn Road
Phoenix, AZ
Emergency Contact: CHEMTREC (800)424-9300
Alternate Emergency Contact: District of Columbia (202)483-0414
Information: Farnam Companies, Inc. (602)285-1660
Preparer Name: SFaith/Regulatory

2. Composition/Information on Ingredients

Hazardous Components (Chemical Name)	CAS #	Percentage	OSHA PEL	ACGIH TLV	Other Limits
1. Permethrin	52645-53-1	2.5 %	No data.	No data.	No data.

3. Hazards Identification

Emergency Overview

PRECAUTIONARY STATEMENT

KEEP OUT OF THE REACH OF CHILDREN.

CAUTION: May be harmful if swallowed or absorbed through skin. Avoid breathing spray mist. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling.

Route(s) of Entry: Inhalation? Yes Skin? Yes Eyes? Yes Ingestion? N.A.

Potential Health Effects (Acute and Chronic)

No data available.

Signs and Symptoms Of Exposure

Symptoms of intoxication to permethrin are hypersensitivity, tremors, diarrhea. Intoxication to solvents may cause dizziness, headache, nausea, narcosis, eye irritation, G.I. tract irritation, and cardiac arrhythmia in certain cases.

4. First Aid Measures

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. Call a poison control center or doctor for treatment advice.

IF ON SKIN: Take off contaminated clothing. Rinse skin immediately with soap and water for 15-20 minutes. Call a poison control center or doctor for treatment advice. **IF INGESTED:** Call a physician or poison control center immediately for treatment advice. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

IF INHALED: Move individual to fresh air. If not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.

Note to Physician

Treat symptomatically.

Additional First Aid Information

Have the product container or label with you when calling a poison control center or doctor, or when going for treatment.

5. Fire Fighting Measures

Flammability Classification: Class IIIA Combustible Liquid
Flash Pt: > 195.00 F Method Used: TCC
Explosive Limits: LEL: No data. UEL: No data.

Fire Fighting Instructions

Firefighters should wear full protective clothing including self-contained breathing apparatus. Cool fire exposed area and equipment. Do not allow run-off waters to enter water ways or sewer.

Flammable Properties and Hazards

None known.

Hazardous Combustion Products

Oxides of carbon from incomplete combustion.

Extinguishing Media

Water, CO2, dry chemical, or foam.

Unsuitable Extinguishing Media

No data available.

6. Accidental Release Measures

Steps To Be Taken In Case Material Is Released Or Spilled

Absorb spills with an inert material (clay granules, sawdust, dirt or equivalent) and put in container for disposal.

7. Handling and Storage

Precautions To Be Taken in Handling

Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling.

Precautions To Be Taken in Storing

Store in a cool, dry area away from heat or flame. Do not contaminate water, food, or feed by storage.

8. Exposure Controls/Personal Protection

Respiratory Equipment (Specify Type)

Respiratory protection not likely to be needed, however, if prolonged exposure is anticipated, it is recommended for handlers to wear a NIOSH approved organic vapor/pesticide respirator.

Eye Protection

No data available.

Protective Gloves

No data available.

Other Protective Clothing

Suitable protective clothing should be worn in confined or overhead areas to prevent exposure to eyes and skin. The use of gloves and footwear, a long-sleeved shirt and long pants or coveralls are recommended.

Engineering Controls (Ventilation etc.)

Use in a well ventilated area.

9. Physical and Chemical Properties

Physical States: [] Gas [X] Liquid [] Solid
Melting Point: No data.

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Boiling Point:	No data.
Autoignition Pt:	No data.
Flash Pt:	> 195.00 F Method: TCC
Explosive Limits:	LEL: No data. UEL: No data.
Specific Gravity (Water = 1):	1.008
Density:	NA
Vapor Pressure (vs. Air or mm Hg):	NE
Vapor Density (vs. Air = 1):	NE
Evaporation Rate (vs Butyl Acetate=1):	NE
Solubility in Water:	Soluble
Percent Volatile:	No data.
Corrosion Rate:	No data.
pH:	7.3

Appearance and Odor

Off-white liquid with a mild odor.

10. Stability and Reactivity

Stability: Unstable [] Stable [X]

Conditions To Avoid - Instability

No data available.

Incompatibility - Materials To Avoid

None known

Hazardous Decomposition Or Byproducts

No unusual decomposition products.

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

Conditions To Avoid - Hazardous Polymerization

No data available.

11. Toxicological Information

Toxicological Information

ACUTE TOXICITY

Oral: LD50 (rat): 1,500 mg/kg body weight (based on technical active ingredient)

Dermal: LD50 (rabbit): >2,000 mg/kg (based on technical active ingredient)

Inhalation: N/E

Skin Irritation: Mild irritant (based on technical active ingredient)

Eye Irritation: Mild to moderate irritant (based on technical active ingredient)

Sensitizer: Sensitization not expected

Chronic Toxicological Effects

CHRONIC TOXICITY [Specific to Active Ingredient(s)]

Permethrin showed no evidence of oncogenicity. A NOEL of 100 mg/kg was based on decreased body weight gain in the oncogenicity study.

DEVELOPMENTAL/REPRODUCTIVE TOXICITY [Specific to Active Ingredient(s)]

Permethrin showed no evidence of developmental or reproductive toxicity. A NOEL of >180 mg/kg/day was reported in a 3-generation reproduction toxicity study.

MUTAGENICITY [Specific to Active Ingredient(s)]

Permethrin was determined to be non-mutagenic in the following studies: Ames Test (in vitro), chromosomal aberration, and host-mediated assay.

Carcinogenicity/Other Information

No data available.

Carcinogenicity:

NTP? No

IARC Monographs? No

OSHA Regulated? No

12. Ecological Information

Ecological Information

Acute Toxicity: This pesticide is extremely toxic to fish. Do not apply directly to water. Drifts and runoff from treated areas may be hazardous to aquatic organisms in treated areas. Do not contaminate water when disposing of equipment washwaters. This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively visiting the treatment area.

13. Disposal Considerations

Waste Disposal Method

Do not contaminate water, food or feed by storage or disposal. Do not reuse container. Place in trash or offer for recycling if available. If partly filled, call your local solid waste agency or 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

14. Transport Information

LAND TRANSPORT (US DOT)

DOT Proper Shipping Name

Not regulated by DOT

Freight Classification: Insecticides NOI Other than poison NMFC 102120 CLASS 60

15. Regulatory Information

No data available.

16. Other Information

Company Policy or Disclaimer

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.