

**Material Safety Data Sheet
and Safe Handling and Disposal Information**

Section 1. Chemical Product and Company Identification

Product name **Flea & Tick Shampoo for Pets**

Product Code **PS16**

Date of issue **1/12/04** **Supersedes** 12/05/94

This product is a registered pesticide. Number: 40849-14

Emergency **For MSDS Information:**

Telephone Compliance Services (404) 352-1680

Numbers

For a Medical Emergency:

CHEM-TEL

(800) 255-3924 (Toll Free - Calls Recorded)

For a Transportation Emergency:

CHEMTREC

(800) 424-9300 (Toll Free - Calls Recorded)

Prepared by

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Section 2. Composition, Information on Ingredients

Name of Hazardous Ingredients	CAS #	% by Weight	Exposure Limits
PYROCID (R) 175; Pyrethrins	8003-34-7	0.10	ACGIH TLV (United States). : 5 mg/m ³ OSHA PEL (United States). : 5 mg/m ³
PIPERONYL BUTOXIDE; alpha-(2-(2-butoxyethoxy)ethoxy)-4,5-(methylenedioxy)-2	51-03-6	0.20	Not established
MGK(R) 264; N-Octyl Bicycloheptene Dicarboximide	113-48-4	0.33	Not established

Section 3. Hazards Identification

Acute Effects **Routes of Entry** Eye contact.

Skin Non-irritant for skin. Prolonged skin contact may cause dermatitis with drying and cracking of skin.

Eyes Hazardous in case of eye contact (irritant). Inflammation of the eye is characterized by redness, watering, and itching.

Inhalation Over-exposure by inhalation may cause respiratory irritation.

Ingestion Harmful if swallowed.

Carcinogenic Effects Classified C (Possible for human.) by EPA [Piperonyl Butoxide].

Chronic Effects Repeated or prolonged inhalation of vapors may lead to chronic respiratory irritation. Prolonged or repeated contact may dry skin and cause irritation.

See Toxicological Information (section 11)

HMIS

Health	1
Fire Hazard	0
Reactivity	0
Personal Protection	B

Section 4. First Aid Measures

Eye Contact Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation develops.

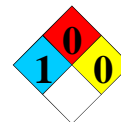
Skin Contact Wash with soap and water. Get medical attention if irritation develops.

Inhalation If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Ingestion Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Section 5. Fire Fighting Measures

Flash Point	Not applicable.	Flammable Limits	Not applicable.
Flammability	Non-flammable.		
Fire Hazard	Not applicable.		
Fire-Fighting Procedures	Use an extinguishing agent suitable for surrounding fires.		



**Section 6. Accidental Release Measures**

Spill Clean up	Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.
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Section 7. Handling and Storage

Handling	Avoid contact with eyes. Avoid inhalation of vapors and spray mist. Use with adequate ventilation. Observe label precautions. Wash thoroughly after handling.
Storage	Keep container tightly closed. Keep container in a cool, well-ventilated area. Protect from freezing. Do not reuse product container. Keep out of the reach of children.

Section 8. Exposure Controls, Personal Protection**Personal Protection****Protective Clothing (Pictograms)**

Eyes	Safety glasses.	
Body	For prolonged or repeated handling, use gloves	
Respirator	Use with adequate ventilation. A respirator is not needed under normal and intended conditions of product use.	

Section 9. Physical and Chemical Properties

Physical State	Liquid. (Slightly Viscous liquid.)	Color	Amber.
pH	8.5 - 9.0	Odor	Citrus
Boiling Point	100°C (212°F)	Vapor Pressure	Not determined.
Specific Gravity	1.009 (Water = 1)	Vapor Density	Not determined.
Solubility	Easily soluble in cold water, hot water.	Evaporation Rate	1 compared to Water
		VOC (Consumer)	0 (g/l).

Section 10. Stability and Reactivity

Stability and Reactivity	The product is stable.
Incompatibility	Slightly reactive to reactive with OXIDIZING AGENTS, acids, alkalis.
Hazardous Polymerization	Will not occur.
Hazardous Decomposition Products	carbon oxides (CO, CO ₂)

Section 11. Toxicological Information

Toxicity to Animals	Piperonyl Butoxide:
	ORAL (LD50): Acute: 4300 mg/kg [Rat].
	DERMAL (LD50): Acute: >2000 mg/kg [Rabbit].

Section 12. Ecological Information

Ecotoxicity	Not available.
Biodegradable/OE	Not available.

Section 13. Disposal Considerations

Waste Information	Waste must be disposed of in accordance with federal, state and local environmental control regulations.
Waste Stream	Non-regulated waste
Consult your local or regional authorities.	

Section 14. Transport Information

Proper shipping name	None. Not regulated.
DOT Classification	Not a DOT controlled material (United States).
UN number	Not regulated.
TDG Classification	Not a TDG controlled material.

Section 15. Regulatory Information

U.S. Federal Regulations	SARA 313 toxic chemical notification and release reporting: Piperonyl Butoxide Clean Water Act (CWA) 311: No products were found. Clean air act (CAA) 112 regulated toxic substances: No products were found.
State Regulations	California prop. 65: No products were found.
WHMIS (Canada)	Class D-1B: Material causing immediate and serious toxic effects (TOXIC).

Section 16. Other Information

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.