

Pro Vita Flea & Tick Shampoo

MSDS Number: 1212

Revision Date: 08/08/2013

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PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

Davis Mfg. & Pkg., Inc.
541 Proctor Avenue
Scottsdale, GA 30079

Vendor

Manufactured for: A. Ochoa Distributor, Inc.
P.O. Box 11593
San Juan, PR 00922

| | | | |
|----------|-----------------------------------------|--------|----------------|
| Contact: | Emergency Contact: Chem-Tel 800 255-39: | Phone: | (939) 218-0460 |
| Phone: | 404 292-2424 | | |
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| | |
|-------------------------|-----------------------------------------------|
| Product Name: | Pro Vita Flea & Tick Shampoo |
| Revision Date: | 08/08/2013 |
| Version: | 2 |
| MSDS Number: | 1212 |
| Common Name: | Pyrethrins Shampoo |
| CAS Number: | Contains CAS#8003-34-7 & #51-03-6 & #113-48-4 |
| Product Code: | ZAOD-PV FTS |
| EPA Number: | 69061-12-84459 |
| Chemical Family: | Pyrethrins |
| Synonyms: | Pyrethrum |
| Product Use: | Flea & Tick Shampoo for Dogs, Cats |

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HAZARDS IDENTIFICATION



GHS Classifications: Environmental, Hazards to the aquatic environment - Acute, 1

GHS Phrases: Warning, Very toxic to aquatic life

GHS Precautionary Statements: P102 - Keep out of reach of children.
P101 - If medical advice is needed, have product container or label at hand.
P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
P262 - Do not get in eyes, on skin, or on clothing.
P270 - Do not eat, drink or smoke when using this product.
P273 - Avoid release to the environment.
P281 - Use personal protective equipment as required.
P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P410+403 - Protect from sunlight. Store in a well ventilated place.
P301+330+331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P301+310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P337 - If eye irritation persists: _
P337+313 - Get medical advice/attention.
P410 - Protect from sunlight.
P264 - Wash _ thoroughly after handling.

Route of Entry: Inhalation; Moderate; Ingestion; Moderate; Eyes; Moderate; Skin; Moderate

Target Organs: Liver; Thyroid (Note: Slightly elevated incidences of benign tumors of the thyroid and liver were seen in rats following high doses of Pyrethrum. Further studies indicate that these effects in the animals only occur at doses greatly exceeding the likely human exposure levels.

Inhalation: Excessive inhalation of large amounts may cause headaches, respiratory irritation.

Skin Contact: May cause irritation. May be harmful if excessive absorption through the skin.

Eye Contact: Causes substantial but temporary eye injury.

Ingestion: May be harmful if swallowed.

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COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

| Cas # | Perc. | Chemical Name |
|-------------|-------|-------------------------------------|
| 8003347 | 0.15% | Pyrethrum (insecticide) |
| 51036 | 0.3 % | Piperonyl butoxide |
| 000113-48-4 | 0.5 % | N-Octyl bicycloheptene-dicaboximide |

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064742-47-8 < 1 % Petroleum Distillates

Trade Secret #1 < 1 % Trade Secret #1

4 FIRST AID MEASURES

- Inhalation:** If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention. If person is not breathing, call 911 or an ambulance then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.
- Skin Contact:** Remove contaminated clothing immediately. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.
- Eye Contact:** 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 eye. Call a poison control center or doctor for treatment.
- Ingestion:** For pyrethrins products, if swallowed, IMMEDIATELY call a poison control center or doctor for treatment advice. DO NOT give any liquid to the person. Do NOT induce vomiting unless told to do so by a poison control center or a doctor. Never give anything by mouth to an unconscious person.

Notes to Physician: For skin effects, a highly efficient therapeutic agent for pyrethrin exposure is topical application of tocopherol acetate (Vitamin E).

5 FIRE FIGHTING MEASURES

- Flammability:** OSHA-Combustible Liquid
- Flash Point:** 160 F (71.1 C)
- Flash Point Method:** Tag Closed Cup

Dry powder, foam, carbon dioxide.

HAZARDOUS COMBUSTION PRODUCTS: Under fire conditions this product will support combustion and may decompose to give off toxic gases such as carbon monoxide, carbon dioxide and nitrogen oxides.

6 ACCIDENTAL RELEASE MEASURES

Small Spill: Shut off ignition sources. Stop release if possible without risk. Dike or contain release, if possible, and if immediate response can prevent further damage or danger. Isolate and control access to the release area. Take actions to reduce vapors. Absorb with appropriate absorbent. Clean spill area of residues and absorbent.

Large Spill: Shut off ignition sources. Stop release, if possible, and if immediate response can prevent further damage or danger. Isolate and control access to the release area. Take actions to reduce vapors. Collect product into drums, etc. via drains, pumps, etc. Absorb with appropriate absorbent and wash water should be disposed of according to local, state and federal regulations.

Environmental Precautions, Water Spill: Contains Pyrethrins, which are toxic to fish and other aquatic invertebrates. Contaminated absorbent and wash water should be disposed of according to local, state and federal regulations.

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7 HANDLING AND STORAGE

Handling Precautions: WORK HYGIENIC PRACTICES: DO NOT SMOKE, EAT OR DRINK OR APPLY COSMETICS IN WORK AREA! Wash promptly if skin becomes contaminated. Wash at the end of each work shift and before eating, smoking or using the toilet. Do not use or store near heat, sparks, open flame or any other ignition sources. Take prudent precautions to avoid contact with skin, eyes and clothing. ALWAYS wear OSHA-approved safety glasses with side shields or safety goggles or full-face shield when handling this material. Mechanical ventilation should be used when handling this product in enclosed spaces. Wearing a respirator is not normally required when handling this product, but recommended in the absence of proper mechanical ventilation. Do not contaminate water, food or feedstuffs by storage, handling or disposal. Read and observe all precautions and instructions on the label. KEEP OUT OF REACH OF CHILDREN.

Storage Requirements: Store in cool/dry area. Keep away from heat, sparks and flames or any other ignition sources. Do not use or store near strong acids, bases and oxidizers. Keep container closed when not in use. Empty containers may retain product residues.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Mechanical ventilation should be used when handling this product in enclosed spaces. Local exhaust ventilation may be necessary.

Personal Protective Equip: HMIS PP, B | Goggles, Gloves
Chemical safety glasses with side shields, or Chemical splash goggles, or a full-faced shield.
Chemical resistant gloves.
Wearing a respirator is not normally required when handling this product. Use in well-ventilated areas. Take prudent precautions to avoid breathing vapors and/or spray mists of this product.

| Exposure Limits: | OSHA PEL | ACGIH TLV |
|----------------------------|----------------------------|--------------------------|
| Pyrethrins | TWA mg/m ³ =5 | mg/m ³ =5 |
| Piperonyl Butoxide | TWA ppm None | ppm None |
| MGK N-Octyl Bicycloheptene | TWA ppm None | ppm None |
| Petroleum Distillates | TWA ppm None | 1 mg/m ³ =200 |
| Trade Secret # 1 | TWA mg/m ³ =10 | mg/m ³ =10 |
| Trade Secret # 1 | STEL mg/m ³ =20 | mg/m ³ =20 |

OSHA Table Comments: 1. Skin Exposure

9 PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|----------------------------|----------------------------------------|------------------------------|---------------------|
| Appearance: | Honey-colored liquid | Odor: | Herbal-Floral Aroma |
| Physical State: | Liquid | Solubility: | Miscible in water |
| Spec Grav./Density: | SG 1.07 (water = at 20 C (68 F)/Densit | Freezing/Melting Pt.: | Not Available |
| Viscosity: | #1: 1100 CPS at 24 C (68 F) | Vapor Density: | Heavier than air |
| Boiling Point: | N/A | VOC: | < 1.00% |
| Vapor Pressure: | N/A | | |
| pH: | 6.2 | | |

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10 STABILITY AND REACTIVITY

| | |
|---------------------------|----------------------------------------------------------------------------------------------------|
| Stability: | Product is stable under normal conditions. |
| Conditions to Avoid: | Avoid extremely high temperatures. Avoid storing in direct sunlight in open or clear container. |
| Materials to Avoid: | Strong Acids; Strong Bases; Strong Oxidizing Agents. |
| Hazardous Decomposition: | May give off toxic gases such as carbon monoxide, carbon dioxide or nitrogen oxides. |
| Hazardous Polymerization: | Will not occur. |

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:

Oral (LD 50): > 5000 mg/kg

Inhalation (LC 50): The acute inhalation LC 50 of this material places it in EPA Toxic Category III

Skin irritation: Moderate irritation at 72 hours. Produced a primary skin irritation index of 4.3

Eye irritation: Severly irritating to both the unrinsed and rinsed eye. All ocular ititation cleared within 17 days post treatment.

Sensitation: Negative; not considered to be a dermal sensitizer to albino guinea pigs

Chronic Toxicity: Unknown for mixture

12 ECOLOGICAL INFORMATION

This product is extremely toxic to fish and other aquatic invertebrates.

13 DISPOSAL CONSIDERATIONS

If Empty: Do not reuse this container. Place in trash or offer for recycling if available. If Empty: Do not reuse this container. Place in trash or offer for recycling if available.

If Partly Filled: Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

RCRA/EPA WASTE INFORMATION: this product contains the folowing RCRA/CERCLA Hazardous wastes/substances: Pyrethrins, RCRA ID# N/A, CERCLA RQ 1 Lb

14 TRANSPORT INFORMATION

DOT Class: Not regulated #

This material is not regulated s a hazardous material by the DOT in quantities less than 666.7 Lbs (74.7 Gallons(

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Proper Shipping Name: Insecticides, Insect or Animal Repellent, Liquid, N.O.S.

Reportable Quantity (RQ) Under CERCLA: 1 Lb

DOT Shipping Name for quantities more than 666.7 Lbs (74.7 Gallons: Environmentally Hazardous Substance, Liquid N.O.S. RQ (Pyrethrins) 9, UN 3082 PGIII

Sea Transport (IMD/IMDG): Shipping Name Not Available

Air Transport ICAO-TI and IATA-DGR: Insecticides, Insect or Animal Repellent, Liquid, N.O.S.

Transport/Further Information: Unknown



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REGULATORY INFORMATION

COMPONENT / (CAS/PERC) / CODES

*Pyrethrum (insecticide) (8003347 n/a%) CERCLA, MASS, OSHAWAC, PA, TXAIR

*Piperonyl butoxide (51036 n/a%) SARA313

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*Piperonyl butoxide (51036 n/a%) SARA313

SARA Title III (Superfund Amendments and Reauthorization Act) Fire: Yes Pressure Generating: No Reactivity: No Acute: Yes

313 REPORTABLE INGREDIENTS: This product contains no SARA TITLE III Section 313 chemicals that exceed the reporting limits.

302/304 EMERGENCYPLANNING: There are no SARA TITLE III Section 302 Extremely Hazardous Substances present in this formulation (40CFR 355)

See Section 13 of this MSDS for the components that are subject to emergency requirement under CERCLA Section 103(a)(40 CFR 302.4)

TSCA (Toxic Substances Control Act): All chemical substances found in this product comply with the Toxic Substances Act's inventory reporting requirements.

REGULATORY KEY DESCRIPTIONS

CERCLA = Superfund clean up substance

MASS = MA Massachusetts Hazardous Substances List

OSHA = OSHA workplace Air Contaminants

PA = PA Right-To-Know List of Hazardous Substances

TXAIR = TX Air Contaminants with Health Effects Screening Level

SARA313 = SARA 313 Title III Toxic Chemicals

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OTHER INFORMATION

SDS

GHS Safety Data Sheet

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BE SAFE: READ OUR PRODUCT SAFETY INFORMATION AND PASS IT ON.

Product liability law requires it. The information provided in this Material Safety Data Sheet has been obtained from current sources believed to be reliable. The manufacturer provides no warranties, either express or implied, and assumes no responsibility for the accuracy or completeness of the data contained herein. This information is offered for your information, consideration and investigation. You should satisfy yourself that you have all current data relevant to your particular use.