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**SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS**


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**3.1. MIXTURES:**

CHEMICAL NAME	Wt. %	CAS No.
Pyrethrins	0.25 %	CAS# 8003-34-7
Piperonyl Butoxide	2.50 %	CAS# 51-03-6
Permethrin	0.50 %	CAS# 52645-53-1

The inert ingredients not identified are proprietary, non-hazardous and/or are below reportable limits.

The above listed values are typical and do not represent a product specification.

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**SECTION 4 – FIRST-AID MEASURES**


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**4.1. FIRST AID INSTRUCTIONS:**

- 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 the eye. Seek medical care if irritation persists.
- SKIN:** Flush with fresh water, remove contaminated clothing. For minor skin contact, avoid spreading material on unaffected skin. Wash the affected area with soap and water.
- INHALATION:** Move to fresh air. If not breathing, call 911, then give artificial respiration, preferable mouth-to-mouth. Get medical attention.
- INGESTION:** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

**4.2. INDICATION OF IMMEDIATE MEDICAL ATTENTION:**

None identified.

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**SECTION 5 – FIRE-FIGHTING MEASURES**


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- 5.1. FLAMMABLE CLASS:** Not classified as flammable nor combustible by OSHA criteria.
- 5.2. EXTINGUISHING MEDIA:** Chemical foam, dry chemical, or carbon dioxide (CO<sub>2</sub>)
- 5.3. SPECIAL PROCEDURES:** Use a full-faced self-contained breathing apparatus (SCBA) and full protective gear. Cool nearby containers and equipment to prevent pressure build up and possible explosion.

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**SECTION 6 – ACCIDENTAL RELEASE MEASURES**

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- 6.1. RESPONSE TO SPILLS:** Stop leak, if possible without risk. Dike or contain spill. Collect and return large amounts to container. Soak up with absorbent material and discard with chemical waste.
- 6.2. WASTE DISPOSAL METHOD:** Dispose of in accordance with local, state, and federal regulations. Do not place product down any indoor/outdoor drain. Do not contaminate water ways. Do not reuse container, recycle if available.

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**SECTION 7 – HANDLING AND STORAGE**

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- 7.1. SAFE HANDLING:** Keep out of reach of children.  
Avoid inhaling concentrated vapors.  
Wash hands thoroughly with soap and water after handling.  
Do not apply directly to water.
- 7.2. SAFE STORAGE:** Store in the original container in a cool, dry place.  
Do not contaminate water, food or feed stuffs.

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**SECTION 8 – EXPOSURE CONTROL / PERSONAL PROTECTION**

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- 8.1. ENGINEERING CONTROLS:** Provide adequate ventilation. Eye wash station is recommended.
- 8.2. PERSONAL PROTECTIVE EQUIPMENT:**
- RESPIRATORY PROTECTION:** Not normally required
- SKIN PROTECTION:** Wear long sleeved shirt, long pants, socks and shoes. Rubber or Neoprene
- EYE PROTECTION:** Safety Glasses/Goggles as needed.
- 8.3. OTHER PRECAUTIONS:** Keep out of reach of children. Avoid contact with skin, eyes or clothing  
Wash hands thoroughly with soap and water after handling and before eating, drinking and using the toilet. Remove contaminated clothing and wash clothing before reuse.

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**SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES**

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- 9.1. APPEARANCE:** Hazy liquid
- 9.2. ODOR:** Slight citrus odor
- 9.3. SOLUBILITY WATER:** Complete in water
- 9.4. pH:** 7
- 9.5. SPECIFIC GRAVITY (H<sub>2</sub>O=1):** 0.999

<b>9.6. FLAMMABILITY (solid, gas):</b>	Not applicable
<b>9.7. BOILING POINT:</b>	212°F (100°C)
<b>9.8. EVAPORATION RATE (H<sub>2</sub>O=1):</b>	< 1
<b>9.9. VAPOR DENSITY (air=1):</b>	>1
<b>9.10. VAPOR PRESSURE:</b>	Not determined
<b>9.11. ODOR THRESHOLD:</b>	None established
<b>9.12. PARTITION COEFFICIENT:</b>	n-octanol/water: none established
<b>9.13. DECOMPOSITION TEMPERATURE:</b>	Not determined
<b>9.14. VISCOSITY:</b>	Not determined
<b>9.15. AUTO-IGNITION TEMPERATURE:</b>	Not determined
<b>9.16. RELATIVE DENSITY:</b>	Not determined
<b>9.17. MELTING POINT/FREEZING POINT:</b>	Not determined
<b>9.18. FLASH POINT:</b>	Not flammable
<b>9.19. UPPER/LOWER FLAMMABILITY OR EXPOSURE LIMITS:</b>	Not determined

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#### SECTION 10 – STABILITY AND REACTION

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<b>10.1. REACTIVITY:</b>	Not likely to react under normal storage and use conditions.
<b>10.2. CHEMICAL STABILITY:</b>	Stable under normal ambient temperature and conditions. No stabilizers needed.
<b>10.3. OTHER:</b>	Not compatible with strong acids or bases. Not compatible with strong oxidizing agents.

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#### SECTION 11 – TOXICOLOGICAL INFORMATION

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<b>11.1. ACUTE:</b>	
<b>DERMAL LD50:</b>	>5 g/kg
<b>ORAL LD50:</b>	>1.75 mg/kg
<b>INHALATION LC50:</b>	>2 mg/L
<b>11.2. SYMPTOMS:</b>	
<b>SKIN EFFECT:</b>	Moderate irritation
<b>EYE EFFECT:</b>	Moderate irritation
<b>SENSITIZATION:</b>	Not a contact sensitizer
<b>11.3. CARCINOGENICITY:</b>	None of the components present in this mixture at concentrations equal to or less than 0.1% are listed by IARC, NTP, OSHA or ACGIH as being carcinogens.

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**SECTION 12 – ECOLOGICAL INFORMATION**

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- 12.1. TOXICITY:** This product is toxic to aquatic organisms, including fish and aquatic invertebrates.  
This product is toxic to bees exposed to direct treatment.  
Keep out of lakes, streams, or ponds.

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**SECTION 13 – DISPOSAL CONSIDERATION**

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- 13.1. DISPOSAL:** Do not contaminate water, food or feed by cleaning of container or disposal of wastes.
- 13.2. PESTICIDE DISPOSAL:** Product that cannot be used according to the label instructions must be disposed of at or by an approved waste disposal facility.  
Never place any unused product down any indoor or outdoor drain.
- 13.3. CONTAINER DISPOSAL:** Do not reuse or refill this container.  
Offer for recycling, if available, or puncture and dispose of in a sanitary landfill, or by other approved state and local procedure.

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**SECTION 14 – TRANSPORTATION INFORMATION**

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- 13.1. PROPER SHIPPING NAME:** Insecticides, Insect or Animal Repellent, Liquid, N.O.S.
- 13.2. HAZARD CLASS/DIVISION:**
- DOT:** Not regulated as dangerous goods.  
**IATA:** Not regulated as dangerous goods.  
**IMDG:** Not regulated as dangerous goods.
- 13.3. SPECIAL PRECAUTIONS:** None identified

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**SECTION 15 – REGULATORY INFORMATION**

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**15.1. SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS:****TSCA (TOXIC SUBSTANCE CONTROL ACT):**

All components of this product are listed on the U.S. Toxic Substance Control Act Chemical Inventory or are exempt from listing because a Low Volume or Polymer Exemption has been granted.

**SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT):**

**FIRE:** No  
**PRESSURE GENERATING:** No  
**REACTIVITY:** No  
**ACUTE:** Yes

**313 REPORTABLE INGREDIENTS:**

CHEMICAL NAME	Wt. %	CAS No.
Pyrethrins	0.25 %	CAS# 8003-34-7
Piperonyl Butoxide	2.50 %	CAS# 51-03-6
Permethrin	0.50 %	CAS# 52645-53-1

**FIFRA (FEDERAL INSECTIDE, FUNGICIDE AND RODENTICIDE ACT):**

This product is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements. These requirements differ from the classification criteria and hazard information required for Safety Data Sheets (SDS). The following is the hazard information as required on the pesticide label:

**CAUTION:** Harmful if swallowed. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash clothing before reuse.

**15.2 US STATE REGULATIONS:**

**CALIFORNIA PROPOSITION 65:** This product does not contain any chemicals at concentrations that would require acknowledgement under the California Proposition 65 legislation

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**SECTION 16 – OTHER INFORMATION**


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**16.1. REVISION SUMMARY:** This SDS replace the 1/31/17 SDS  
Version #2, GHS – Classification.  
Revised: Section 15.2

**16.1. COMMENTS:** This information is furnished without warranty, expressed or implied, except that it is accurate to the best of the knowledge of Pyranha, Inc. and is based on sound expert opinion. The data in this document relates only to the specific material designed herein and does not relate to use in combination with any other material or in any process. Pyranha, Inc. assumes no legal responsibility for use or reliance upon this data. This information herein is provided solely for your consideration, investigation and verification.

Prepared by Marcie Voglino