



SAFETY DATA SHEET

Perky-Pet® ANTGUARD® PLUS for Hummingbird Feeders

SECTION 1: Identification

1.1 GHS Product identifier

| | |
|----------------|---|
| Product name | Perky-Pet® ANTGUARD® PLUS for Hummingbird Feeders |
| Product number | 245L |
| Brand | Perky-Pet |

1.2 Other means of identification

EPA Reg. No. 50932-19

1.3 Recommended use of the chemical and restrictions on use

Recommended Use: Repellent, Pest, Non-Aerosol

Restrictions on Use: See pesticide product label

1.4 Supplier's details

| | |
|-----------|---|
| Name | Perky-Pet (AWOS of Woodstream Corporation) |
| Address | 69 N. Locust Street Lititz PA 17543 USA |
| Telephone | 717-740-4600 x1219 |
| Fax | 717-762-1912 |
| email | kstyler@woodstream.com |

1.5 Emergency phone number

1-888-740-8712
1-800-858-7378

SECTION 2: Hazard identification

General hazard statement

EMERGENCY OVERVIEW: Users of a pesticide product must refer to the label. Not anticipated to cause immediate acute effects upon short-term exposure.

OSHA HCS CLASSIFICATION (29 CFR 1910.1200): This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). However, good industrial hygiene practices should be used in the manufacture and handling of the product.

The product contains no substances which at their given concentration, are considered to be hazardous to health.

2.1 Classification of the substance or mixture

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GHS classification in accordance with: OSHA (29 CFR 1910.1200)

Not a hazardous substance or mixture.

2.2 GHS label elements, including precautionary statements

Not a hazardous substance or mixture.

2.3 Other hazards which do not result in classification

Signal Word: CAUTION (FIFRA label signal word)

Hazard Statement: None required

Statement regarding ingredients of unknown toxicity

50% of the mixture consists of ingredient(s) of unknown toxicity

SECTION 3: Composition/information on ingredients

3.2 Mixtures

The product contains no substances which at their given concentration, are considered to be hazardous.

Components

1. Cypermethrin

Concentration 5 % (weight)

CAS no. 52315-07-8

2. Piperonyl Butoxide

Concentration 20 % (weight)

CAS no. 51-03-6

3. EPS Substrate (Ethylidene-pNP-G7) *

Concentration 75% (weight)

CAS no. 96597-16-9

Trade secret statement (OSHA 1910.1200(i))

*The specific chemical identities and/or actual concentrations or actual concentration ranges for one or more listed components are being withheld as trade secrets under the US regulation 29 CFR 1910.1200(i).

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

| | |
|-------------------------|--|
| General advice | Users of a pesticide product must refer to the product label. |
| If inhaled | Remove to fresh air. |
| In case of skin contact | Remove contaminated clothing. Wash with soap and water for 15-20 minutes. |
| In case of eye contact | Rinse thoroughly with plenty of water, also under the eyelids, for 15-20 minutes. If symptoms persist, call a physician. |

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If swallowed

Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person.

4.2 Most important symptoms/effects, acute and delayed

No information available.

Notes to Physician: Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media: CAUTION - use of water spray when fighting fire may be inefficient.

5.2 Specific hazards arising from the chemical

No information available.

5.3 Special protective actions for fire-fighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid contact with eyes.

6.2 Environmental precautions

Refer to protective measures listed in Sections 7 and 8.

6.3 Methods and materials for containment and cleaning up

Methods for containment: Prevent further leakage or spillage if safe to do so.

Methods for cleaning up: Pick up and transfer to properly labeled containers.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Users of pesticide products must refer to the product label.

7.2 Conditions for safe storage, including any incompatibilities

Storage and Disposal: Do not contaminate water, food, or feed by storage and disposal.

Pesticide storage: Store product in original container in a cool, dry place in an area inaccessible to children and animals. Do not store with food or feed.

Container disposal: if empty - nonrefillable container. Do not reuse or refill empty container. Wrap device in newspaper and put in trash or dispose of in a sanitary landfill, or incinerate, or by other procedures approved by state and local authorities. Call your local solid waste agency for disposal instructions.

Incompatible Products: None known based on information supplied.

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SECTION 8: Exposure controls/personal protection

8.1 Control Parameters

Exposure Guidelines

| Chemical Name | ACGIH TLV | OSHA PEL | NIOSH IDLH |
|--------------------|--|--|--|
| Cypermethrin | TWA: 1 mg/m ³ respirable fraction | - | - |
| Piperonyl butoxide | 10 mg/m ³ | 20 mppcf TWA; ((80))/(% SiO ₂) mg/m ³ | IDLH: 3000 mg/m ³ TWA: 6 mg/m ³ |

ACGIH TLV: American Conference of Governmental Industrial Hygienists – Threshold Limit Value

OSHA PEL: Occupational Safety and Health Administration – Permissible Exposure Limits NIOSH IDLH Immediately Dangerous to Life or Health

Other Exposure Guidelines: Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992)

8.2 Appropriate engineering controls

Showers

Eyewash stations

Ventilation systems

8.3 Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection

No special protective equipment required.

Skin protection

No special protective equipment required.

Body protection

No special protective equipment required.

Respiratory protection

No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

SECTION 9: Physical and chemical properties and safety characteristics

Basic physical and chemical properties

| | |
|--|--------------------------|
| Physical state | Solid |
| Appearance | Solid disc |
| Color | No information available |
| Odor | Odorless |
| Odor threshold | No information available |
| Melting point/freezing point | No data available |
| Boiling point or initial boiling point and boiling range | No data available |
| Flammability | No data available |
| Lower and upper explosion limit/flammability limit | No data available |
| Flash point | No data available |
| Explosive properties | No data available |
| Auto-ignition temperature | No data available |

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| | |
|---|------------------------------|
| Decomposition temperature | No data available |
| Oxidizing properties | No data available |
| pH | No data available |
| Kinematic viscosity | No data available |
| Solubility | Easily soluble |
| Partition coefficient n-octanol/water (log value) | No data available |
| Vapor pressure | 1.9 x 10 ⁻⁹ mm Hg |
| Evaporation rate | No data available |
| Density and/or relative density | 1.2 |
| Relative vapor density | 1.29 G/cm ³ |

Particle characteristics

No data available

SECTION 10: Stability and reactivity

10.1 Reactivity

No data available.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

None under normal processing.

10.4 Conditions to avoid

None known based on information supplied.

10.5 Incompatible materials

None known based on information supplied.

10.6 Hazardous decomposition products

Carbon oxides.

SECTION 11: Toxicological information

Information on likely routes of exposure

Product Information:

Acute toxicity

Specific test data for the substance or mixture is not available.

Skin corrosion/irritation

Specific test data for the substance or mixture is not available.

Serious eye damage/irritation

Specific test data for the substance or mixture is not available.

Respiratory or skin sensitization

Specific test data for the substance or mixture is not available.

Component Information

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| Chemical Name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|--------------------|-------------------|-----------------------|------------------------------------|
| Cypermethrin | - | - | = 7889 mg/m ³ (Rat) 4 h |
| Piperonyl butoxide | >5000 mg/kg (Rat) | > 2000 mg/kg (Rabbit) | > 2.2 mg/L (Rat) 1 h |

Information on toxicological effects

Symptoms

No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Germ cell mutagenicity

Specific test data for the substance or mixture is not available.

Carcinogenicity

The table below indicates whether each agency has listed any ingredient as a carcinogen.

| Chemical Name | ACGIH | IARC | NTP | OSHA |
|--------------------|-------|---------|-----|------|
| Cypermethrin | | Group 3 | | |
| Piperonyl butoxide | | Group 3 | | |

IARC (International Agency for Research on Cancer)

Group 3 – Not Classifiable as to Carcinogenicity in Humans

Reproductive toxicity

No information available.

STOT-single exposure

No information available.

STOT-repeated exposure

No information available.

Chronic toxicity: No known effect based on information supplied.

Target Organ Effects: Eyes. Respiratory system.

Aspiration hazard

No information available.

Additional information

Numerical measures of toxicity Product Information:

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral): 2,414.00 mg/kg

ATEmix (inhalation-dust/mist): 7.50 mg/l

SECTION 12: Ecological information

Ecotoxicity

This product contains a chemical which is listed as a severe marine pollutant according to DOT. Very toxic to aquatic life with long lasting effects.

| Chemical Name | Toxicity to Algae | Toxicity to Fish | Toxicity to | Daphnia Magna |
|---------------|-------------------|------------------|-------------|---------------|
|---------------|-------------------|------------------|-------------|---------------|

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| | | | Microorganisms | (Water Flea) |
|--------------------|--|---|---|---------------------|
| Cypermethrin | | | EC50 = 5.36 mg/L 5 min EC50 = 6.60 mg/L 15 min EC50: 8.50 mg/L 30 min | |
| Piperonyl butoxide | 72h EC50: = 440 mg/L (<i>Pseudokirchneriella subcapitata</i>) | 96h LC50: = 5000 mg/L (<i>Brachydanio rerio</i>) | | 48h EC50: 7600 mg/L |

Persistence and degradability

No information available.

Bioaccumulative potential

No information available.

Mobility in soil

No information available.

Results of PBT and vPvB assessment

No information available.

Endocrine disrupting properties

No information available.

Other adverse effects

No information available.

SECTION 13: Disposal considerations

Disposal methods

Product disposal

Refer to the pesticide product label for disposal.

This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

Packaging disposal

Dispose of contents/containers in accordance with local regulations.

Other disposal recommendations

California Hazardous Waste Codes: 232

This product contains one or more substances that are listed with the State of California as a hazardous waste.

SECTION 14: Transport information

DOT (US)

This product is not regulated as packaged- Non Bulk

Emergency Response Guide Number: 171

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IMDG

UN Number: UN3077

Class: 9

Packing Group: III

EMS Number: F-A, S-F

Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.

Marine Pollutant: Product is a marine pollutant according to the criteria set by IMDG/IMO

Description: UN3077, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (PIPERONYL BUTOXIDE, EPOXIDIZED SOYBEAN OIL), 9, III

IATA

Not Regulated

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

Toxic Substances Control Act (TSCA) Inventory

Complies

Canadian Domestic Substances List (DSL)

All components are listed either on the DSL or NDSL

SARA 313 Components

Section 313 of title III of the Superfund Amendments and Reauthorization of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and title 40 of the Code of Federal Regulations, Part 372

| Chemical Name | CAS No | Weight - % | SARA 313 Threshold Values % |
|-------------------------|--------|------------|-----------------------------|
| Third Party Formulation | | 10-30 | 1.0 |

SARA 311/312 Hazards

Acute Health Hazard: No, Chronic Health Hazard: No, Fire Hazard: No, Sudden release of pressure hazard: No, Reactive Hazard: No

CWA (Clean Water Act)

This product does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

California Prop. 65 Components

This product does not contain any Proposition 65 chemicals.

15.2 Chemical Safety Assessment

This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemicals. The hazard information required on the pesticide label is reproduced below. The pesticide label also includes other important information, including directions and limitations for its use.

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Pesticide Label signal word: CAUTION

PRECAUTIONARY STATEMENTS:

Hazards to Humans & Domestic Animals

Harmful if swallowed.

Do not allow children to play with this product.

ENVIRONMENTAL HAZARDS:

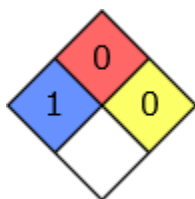
The active ingredients are toxic to fish. Do not apply directly to water. Do not contaminate water by disposal of used AntGuard Plus.

Use the product only as specified on this label.

HMIS Rating

| ANTGUARD PLUS for Hummingbird Feeders | |
|---------------------------------------|---|
| HEALTH | 1 |
| FLAMMABILITY | 0 |
| PHYSICAL HAZARD | 0 |
| PERSONAL PROTECTION | X |

NFPA Rating



SECTION 16: Other information

Version 1.0

16.1 Further information/disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information, and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

16.2 Preparation information

Woodstream Corporation
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Lancaster, PA 17602