

1. IDENTIFICATION

Product Identifier: CUT-HEAL® ZONK IT! 35™ INSECT CONTROL SPRAY

Product Code: 05 9339

Recommended Use: Pest Control for Horses and Dogs

Restrictions on Use: Use only as directed per label instructions.

Distributed By: Cut-Heal Animal Care Products, Inc.
923 S. Cedar Hill Road
Cedar Hill, Texas 75104
1-800-288-4325

24-Hour Emergency Number: 800-424-9300 (Within USA and Canada)
+1 703-527-3887 (Outside USA and Canada)

2. HAZARD(S) IDENTIFICATION

Product Hazard Classification: Eye Irritation: Category 2
Acute/Chronic Aquatic Toxicity: Category 1

Hazard Pictogram(s):



Signal Word: WARNING

Hazard Statements: Causes serious eye irritation.
May be harmful if swallowed.
Toxic to aquatic life.

Precautionary Statements

Prevention: Keep out of reach of children.
Read label and SDS before use.
Avoid breathing spray or mist.
Use only outdoors or in a well-ventilated area.
Wash hands thoroughly after handling.
Wear eye protection.
Avoid release to the environment.

Response: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical attention.
IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a poison control center or a doctor if individual feels unwell.
IF SWALLOWED: Immediately call a poison control center or a doctor. DO NOT induce vomiting.

Storage and Disposal: Store in a cool, well-ventilated place. Store locked up. Dispose of contents and container in accordance with all local, regional and national regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Concentration (% Wt)</u>
Permethrin	52645-53-1	0.50

4. FIRST-AID MEASURES

Route of Exposure

- Inhalation:** Remove person to fresh air and keep comfortable for breathing. Call a physician or poison control center if individual feels unwell.
- Eye Contact:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical attention if irritation persists.
- Skin Contact:** Remove contaminated clothing. Rinse affected area with plenty of water. Consult a physician if irritation persists.
- Ingestion:** Contact a physician or poison control center immediately. DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.

5. FIRE-FIGHTING MEASURES

- Suitable Extinguishing Media:** Water spray, carbon dioxide (CO₂), dry chemical or firefighting foam.
- Unsuitable Extinguishing Media:** None known.
- Hazardous Thermal Decomposition Products:** Carbon dioxide (CO₂); carbon monoxide (CO); nitrogen oxides.
- Specific Hazards from Product:** None known.
- Special Protective Equipment/Precautions for Firefighters:** Fight surrounding fire with standard firefighting procedures and precautions. Wear full protective gear and self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

- Personal Precautions, Protective Equipment and Emergency Procedures:** Put on appropriate personal protective equipment (see Section 8). Avoid contact with eyes, skin and clothing. Ensure adequate ventilation.
- Environmental Precautions And Clean-Up Methods:** Dike or contain large spills, then absorb with earth, sand or other absorbent material. Place in container for appropriate disposal (see Section 13). Product contains pyrethroids, which are toxic to fish and other aquatic invertebrates. Contaminated absorbent and wash water should be disposed of according to local, state/provincial and federal/national regulations.

7. HANDLING AND STORAGE

Precautions for Safe Handling: Do not contaminate water, food or feedstuffs by storage, handling or disposal. Avoid breathing spray or mist. Use only in well ventilated areas. Handle product in accordance with good industrial hygiene and safety practices. Wash thoroughly with soap and water after handling and before eating, drinking, using tobacco or using the toilet. Keep container closed when not in use. Keep out of the reach of children.

Conditions for Safe Storage: Store tightly closed containers in a cool, dry and well-ventilated place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits (Note: N/A = Not Applicable; N/E = Not Established)

<u>Chemical Name</u>	<u>CAS Number</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Permethrin	52645-53-1	N/E	N/E

Engineering Controls: Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment

Eye Protection: Wear safety glasses or goggles.

Skin Protection: To prevent repeated or prolonged contact, wear impervious protective clothing (gloves, aprons, etc.) made from rubber, nitrile or neoprene.

Respiratory Protection: Not generally required. If respiratory protection is required, OSHA's 29CFR 1910.34 and ANSI Z88.2 requirements must be followed.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid.	Upper Flammability Limit:	No data available.
Color:	White, Opaque.	Lower Flammability Limit:	No data available.
Odor:	Characteristic.	Vapor Pressure:	No data available.
Odor Threshold:	No data available.	Vapor Density:	No data available.
pH:	4.0 – 5.0	Relative Density:	0.95 – 1.05
Melting/Freezing Point:	No data available.	Solubility in Water:	Miscible.
Initial Boiling Point/Range:	No data available.	Auto-Ignition Temperature:	No data available.
Flash Point:	No data available.	Viscosity:	< 50 cps
Evaporation Rate:	No data available.	Decomposition Temperature:	No data available.
Flammability (Solid/Gas):	No data available.	VOC Content (wt %):	No data available.

10. STABILITY AND REACTIVITY

Reactivity: Under normal storage and use conditions, hazardous reactions will not occur.

Stability: Stable under normal conditions.

Hazardous Reactions: None known under normal conditions.

Conditions to Avoid: None known.

Incompatible Materials: None known.

Hazardous Decomposition Products: None known under normal conditions.

11. TOXICOLOGICAL INFORMATION

Acute/Potential Health Effects

- Inhalation:** May irritate respiratory tract and mucous membranes.
- Eye Contact:** May cause serious eye irritation. Symptoms include stinging, tearing and redness.
- Skin Contact:** May cause redness or irritation.
- Ingestion:** May be harmful if swallowed.
- Chronic/Long Term Effects:** None known.
- Carcinogenic Information:** This material is not listed as a carcinogen by IARC, NTP or OSHA.

Symptoms Related to the Physical Chemical and Toxicological Characteristics: No information available.

Delayed/Immediate/Chronic Effects from Short- and Long-Term Exposure

- Acute Toxicity:** No known effect.
- Skin Corrosion/Irritation:** No known effect.
- Serious Eye Damage/Eye Irritation:** May cause serious eye irritation.
- Skin Sensitization:** No known effect.
- Respiratory Sensitization:** No known effect.
- Germ Cell Mutagenicity:** No known effect.
- Carcinogenicity:** No known effect.
- Reproductive Toxicity:** No known effect.
- Developmental Toxicity:** No known effect.
- Specific Target Organ Toxicity:** No known effect.
- Aspiration Hazard:** No known effect.

Product Information

Acute Toxicity of Mixture: Not determined.

Component Information

<u>Chemical Name</u>	<u>CAS Number</u>	<u>LD₅₀ Oral</u>	<u>LC₅₀ Inhalation</u>
Permethrin	52645-53-1	1,490 mg/kg (Rat)	> 2.31 mg/l (Rat - 4 Hours)

SECTION 12 – ECOLOGICAL INFORMATION

This pesticide is extremely toxic to aquatic organisms, including fish and invertebrates. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters. Use caution to not discharge effluent containing this product into sewer systems. Do not contaminate water when disposing of equipment wash-waters.

13. DISPOSAL CONSIDERATIONS

Waste Residues

Disposal Method: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative of the nearest EPA Regional Office for guidance.

Empty Container: Product is sold in a non-refillable container. DO NOT reuse or refill empty container. Triple rinse container (or equivalent) promptly after emptying. Then, offer for recycling if available, or reconditioning if appropriate, or puncture and dispose of container in a sanitary landfill, or by other procedures approved by state and local authorities.

14. TRANSPORTATION INFORMATION

DOT Proper Shipping Name: Not DOT Regulated

Hazard Class: Non-Hazardous.

15. REGULATORY INFORMATION

SARA Title III Sections 311/312

Hazardous Categories: Acute (X) Chronic () Fire () Pressure () Reactive () Not Applicable ()

SARA Title III Section 313: The following components are subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA):

Permethrin	CAS #52645-53-1	0.50%
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California Proposition 65: This product does not contain any chemicals known to the State of California to cause cancer, birth defects or any reproductive harm.

FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) Information:

EPA Registration No.: 15297-965544

EPA Establishment No.: 15297-TX-1

16. OTHER INFORMATION

Revision Date: January 11, 2016

Disclaimer: The information provided in this Safety Data Sheet is correct to the best of the manufacturer's knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, storage, transportation and disposal and is not to be considered a warranty or quality specification.