



Safety Data Sheet

Section 1: Identification

Product identifier

Product Name | **Zodiac Breakaway Flea & Tick Collar for Cats**

Synonyms | 100520395; 2596-83-89459

Product Description | Flea and tick collar.

Relevant identified uses of the substance or mixture and uses advised against

Recommended use | Flea and tick collar for cats.

Restrictions on use | Avoid contact with eyes, skin or clothing. Keep out of the reach of children.

Details of the supplier of the safety data sheet

Manufacturer | Central Garden & Pet Company
1501 E. Woodfield Road, Suite 200W
Schaumburg, IL 60173
United States

www.zodiacpet.com

Emergency telephone number

Manufacturer (Transportation) | 1-800-424-9300 - CHEMTREC

Manufacturer (Transportation) | 1-703-527-3887 - CHEMTREC - outside North America - Collect Calls Accepted

Manufacturer | 1-800-950-4783

Section 2: Hazard Identification

United States (US)

According to OSHA 29 CFR 1910.1200 HCS

Classification of the substance or mixture

OSHA HCS 2012 | Acute Toxicity Oral 4 - H302
Eye Mild Irritation 2B - H320

Label elements

OSHA HCS 2012

WARNING



Hazard statements | Causes eye irritation - H320
Harmful if swallowed - H302

Precautionary statements

Prevention | Do not eat, drink or smoke when using this product. - P270
Wash thoroughly after handling. - P264

Response | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. - P305+P351+P338
If eye irritation persists: Get medical advice/attention. - P337+P313
IF SWALLOWED: Call poison control center or doctor if you feel unwell.
Rinse mouth. - P330

Storage/Disposal | Dispose of content and/or container in accordance with local, regional, national, and/or international regulations. - P501

Other hazards

OSHA HCS 2012 | Under United States Regulations (29 CFR 1910.1200 - Hazard Communication Standard), this product is considered hazardous.

See Section 12 for Ecological Information.

Section 3 - Composition/Information on Ingredients**Substances**

| Material does not meet the criteria of a substance.

Mixtures

Composition		
Chemical Name	Identifiers	%
Tetrachlorvinphos	CAS:22248-79-9	14.55%
Other ingredients	NDA	85.45%

Section 4: First-Aid Measures**Description of first aid measures**

Inhalation | None specified.

Skin | IF ON SKIN: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

Eye | 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 advice/attention.

Ingestion | Call a poison control center or doctor immediately for treatment advice. Do not induce vomiting unless told to by a poison control center or doctor. Have person drink plenty of water if able to swallow. Never give anything by mouth to an unconscious person.

Most important symptoms and effects, both acute and delayed

| Causes eye irritation. Harmful if swallowed. Refer to Section 11 - Toxicological Information.

Indication of any immediate medical attention and special treatment needed

Notes to Physician | This product contains an organophosphate and may cause cholinesterase inhibition. Cholinergic symptoms may include salivation, miosis, in coordination, muscle fasciculation and/or weakness, vomiting, and diarrhea. Atropine is antidotal. 2-PAM

may be effective as an adjunct to atropine.

Section 5: Fire-Fighting Measures

Extinguishing media

Suitable Extinguishing Media | Use water, foam, carbon dioxide, or dry chemical.

Unsuitable Extinguishing Media | No data available.

Special hazards arising from the substance or mixture

Unusual Fire and Explosion Hazards | None known.

Hazardous Combustion Products | Burning liberates hydrogen chloride gas.

Advice for firefighters

| Wear positive pressure self-contained breathing apparatus (SCBA).

Section 6 - Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Personal Precautions | Avoid contact with skin, eyes, and clothing.

Emergency Procedures | No data available

Environmental precautions

| No data available.

Methods and material for containment and cleaning up

Containment/Clean-up Measures | Sweep up material and place in suitable container for disposal.

Section 7 - Handling and Storage

Precautions for safe handling

Handling | Wash hands thoroughly with soap and water after handling. Read label before use.

Conditions for safe storage, including any incompatibilities

Storage | Do not contaminate water, food, or feed by storage or disposal. Store in cool, dry area, inaccessible to children.

Section 8 - Exposure Controls/Personal Protection

Control parameters

Exposure Limits/Guidelines | No data available.

Exposure controls

Engineering Measures/Controls | Use adequate ventilation to remove vapors (fumes, dust etc)

Personal Protective Equipment

Respiratory | Not required with normal use.

Eye/Face | Not required with normal use.

Hands | Not required with normal use.

Skin/Body	Not required with normal use.
General Industrial Hygiene Considerations	Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco.
Environmental Exposure Controls	No data available

Section 9 - Physical and Chemical Properties

Information on Physical and Chemical Properties

Material Description			
Physical Form	Solid	Appearance/Description	Flea collar in various colors.
Color	Various colors.	Odor	With or without fragrance.
Odor Threshold	No data available		
General Properties			
Boiling Point	No data available	Melting Point	No data available
Decomposition Temperature	No data available	pH	No data available
Specific Gravity/Relative Density	No data available	Water Solubility	No data available
Viscosity	No data available		
Volatility			
Vapor Pressure	No data available	Vapor Density	No data available
Evaporation Rate	No data available		
Flammability			
Flash Point	No data available	UEL	No data available
LEL	No data available	Autoignition	No data available
Flammability (solid, gas)	Not Flammable.		
Environmental			
Octanol/Water Partition coefficient	No data available		

Section 10: Stability and Reactivity

Reactivity

| No dangerous reaction known under conditions of normal use.

Chemical stability

| Stable

Possibility of hazardous reactions

| Hazardous polymerization will not occur.

Conditions to avoid

| No data available.

Incompatible materials

| Strong oxidizing agents.

Hazardous decomposition products

| Low release of hydrogen chloride gas when heated above 400°F.

Section 11 - Toxicological Information

Information on toxicological effects

Components		
Tetrachlorvinphos (14.55%)	22248-79-9	Acute Toxicity: Ingestion/Oral-Rat LD50 • 1480 mg/kg male, 465-965 mg/kg female; Skin-Rabbit LD50 • >2000 mg/kg

GHS Properties	Classification
Acute toxicity	OSHA HCS 2012 • Acute Toxicity - Dermal - Classification criteria not met; Acute Toxicity - Inhalation - Classification criteria not met; Acute Toxicity - Oral 4
Aspiration Hazard	OSHA HCS 2012 • Classification criteria not met
Carcinogenicity	OSHA HCS 2012 • Classification criteria not met
Germ Cell Mutagenicity	OSHA HCS 2012 • Not classified - data lacking
Skin corrosion/Irritation	OSHA HCS 2012 • Classification criteria not met
Skin sensitization	OSHA HCS 2012 • Classification criteria not met
STOT-RE	OSHA HCS 2012 • Classification criteria not met
STOT-SE	OSHA HCS 2012 • Classification criteria not met
Toxicity for Reproduction	OSHA HCS 2012 • Classification criteria not met
Respiratory sensitization	OSHA HCS 2012 • Classification criteria not met
Serious eye damage/Irritation	OSHA HCS 2012 • Eye Mild Irritation 2B

Route(s) of entry/exposure | Inhalation, Ingestion, Eyes, and Skin

Potential Health Effects

Inhalation

- Acute (Immediate)** | Under normal conditions of use, no health effects are expected.
- Chronic (Delayed)** | No data available.

Skin

- Acute (Immediate)** | Under normal conditions of use, no health effects are expected.
- Chronic (Delayed)** | No data available.

Eye

- Acute (Immediate)** | Causes eye irritation.
- Chronic (Delayed)** | No data available.

Ingestion

- Acute (Immediate)** | Harmful if swallowed.
- Chronic (Delayed)** | No data available.

Section 12 - Ecological Information

Toxicity

- | No data available

Persistence and degradability

- | No data available.

Bioaccumulative potential

- | No data available.

Mobility in Soil

| No data available.

Other adverse effects

| No studies have been found.

Section 13 - Disposal Considerations**Waste treatment methods**

Product waste | Dispose of content and/or container in accordance with local, regional, national, and/or international regulations. Place in trash or offer for recycling if available.

Packaging waste | Dispose of content and/or container in accordance with local, regional, national, and/or international regulations. If empty: Nonrefillable container. Do not reuse or refill this container. 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. Do not use empty pouch.

Section 14 - Transport Information

	UN number	UN proper shipping name	Transport hazard class(es)	Packing group	Environmental hazards
DOT	None	Not regulated	N/A	N/A	N/A
IMO/IMDG	None	Not regulated	N/A	N/A	N/A
IATA/ICAO	None	Not regulated	N/A	N/A	N/A

Special precautions for user | None specified.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code | Not relevant.

Other information

IMO/IMDG | No data available

IATA/ICAO | No data available

N/A = Not Applicable

Section 15 - Regulatory Information**Safety, health and environmental regulations/legislation specific for the substance or mixture**

SARA Hazard Classifications | Acute

FIFRA – Pesticide Labeling

This material 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 for use.

CAUTION

Precautionary Statements | Keep out of reach of children.

Hazards to Humans and | HAZARDS TO HUMANS AND DOMESTIC ANIMALS - CAUTION: Harmful if swallowed

Domestic Animals or absorbed through skin. 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 or using tobacco.

First Aid | Contains an organophosphate that inhibits cholinesterase.
IF SWALLOWED: 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.

IF ON SKIN OR CLOTHING • Take off contaminated clothing • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for further treatment advice.

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 advice.

| Note to Physicians and Veterinarians: This product contains tetrachlorvinphos (an organophosphate) which is a cholinesterase inhibitor. Cholinergic symptoms may include salivation, miosis, incoordination, muscle fasciculation and/or weakness, vomiting and diarrhea. Atropine is antidotal. 2-PAM may be effective as an adjunct to atropine.

Section 16 - Other Information

Last Revision Date | 02/December/2014

Preparation Date | 02/December/2014

Disclaimer/Statement of Liability | The information and statements herein are believed to be reliable but are not to be construed as a warranty or representation for which we assume legal responsibility. Users should undertake sufficient verification and testing to determine the suitability for their own particular purpose of any information or products referred to herein. NO WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE IS MADE.

Key to abbreviations
= N/A = Not applicable