

1. IDENTIFICATION

Trade Name: Natural Spray for Dogs and Cats
Product identifier: 25B-54, 25B-55
Synonym: TC9, TE4
Brand Names: Sentry, Sergeant's, PetArmor

Manufacturer: The Perrigo Company
 515 Eastern Avenue
 Allegan, MI 49010 USA
 Tel: 269-673-8451
 Email SDSRequest@Perrigo.com

Manufacturing Site: Sergeant's Pet Care Products, Inc.
 10077 South 134th Street
 Omaha, NE 68138 USA

Emergency phone numbers

First aid or Spill: 888-464-2986 (U.S. calls)
 +1 760-476-3962 Code 333304 (International calls)
 Pet emergency/
 Adverse event report: 1-800-781-4738

Recommended use: Flea and tick treatment for dogs
Restrictions on use: Use only as directed.

2. HAZARD(S) IDENTIFICATION

Classification:

Physical	Health
Not Hazardous	Skin Sensitizer Category 1 Germ Cell Mutagen Category 2 Carcinogen Category 2

Label Elements:
Warning!



Hazard statement(s)

May cause an allergic skin reaction.
 Suspected of causing genetic defects.
 Suspected of causing cancer.

Precautionary statement(s)

Obtain special instructions before use.
 Do not handle until all safety precautions have been read and understood.
 Avoid breathing vapors or mists.
 Wash hands thoroughly after handling.

Precautionary statement(s)

Contaminated clothing must not be allowed out of the workplace.
 Wear protective gloves and eye protection.
 IF ON Skin: Wash with plenty of soap and water. If skin irritation occurs or rash: Get medical attention. Take off contaminated clothing and wash it before reuse.
 IF exposed or concerned: Get medical advice.
 Store locked up.
 Dispose in accordance with local and national regulations.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical name	CAS No.	Concentration
Peppermint Oil	8006-90-4	1%
Cinnamon Oil	8015-91-6	1.5%
Lemongrass Oil	8007-02-1	1.5%
Clove Oil	8000-34-8	1.7%
Thyme Oil	8007-46-3	1.7%
Castor Oil	61791-12-6	Proprietary
Water	7732-18-5	Proprietary

The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST-AID MEASURES

Inhalation: Remove person to fresh air. If irritation occurs or symptoms develop, get medical attention.

Skin contact: Wash hands with soap and water after handling. If irritation develops and persists, get medical attention.

Eye contact: Immediately flush eyes with water for several minutes while lifting the upper and lower lids. Get medical attention if irritation persists.

Ingestion: Rinse mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to a person who is unconscious or convulsing. Get medical attention.

Most important symptoms/effects, acute and delayed: May cause eye and skin irritation. May cause respiratory irritation. Ingestion may cause gastrointestinal irritation with nausea and vomiting. Prolonged or repeated skin contact may cause allergic sensitization. Cinnamon leaf oil is suspected of causing mutagenic effects and cancer.

Indication of immediate medical attention and special treatment, if necessary: Immediate medical attention is generally not required.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Use any media that is suitable for the surrounding fire.

Specific hazards arising from the chemical: Not classified as flammable or combustible but will burn under fore conditions after the water has evaporated.

Special protective equipment and precautions for fire-fighters: Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing for all fires involving chemicals.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures: Wear appropriate protective clothing and equipment as described in Section 8. Ventilate the area.

Environmental Precautions: This product is harmful to aquatic life. Prevent spill from entering sewers and water courses. Report releases as required by local and national authorities.

Methods and materials for containment and cleaning up: Contain and collect with an inert absorbent material. Place in appropriate container for disposal. Clean area thoroughly.

7. HANDLING AND STORAGE

Precautions for safe handling: Avoid contact with eyes, skin and clothing. Wash thoroughly with soap and water after handling. Do not eat, drink or smoke when handling this material. Avoid breathing vapors. Use only with adequate ventilation. Remove contaminated clothing and laundry before re-use.

Conditions for safe storage, including any incompatibilities: Store as indicated on product packaging. Store only in original container in a cool, dry area inaccessible to children and pets and away from heat and sunlight.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure guidelines:

Peppermint Oil	None Established
Cinnamon Oil	None Established
Lemongrass Oil	None Established
Clove Oil	None Established
Thyme Oil	None Established
Castor Oil (as vegetable oil mist)	5 mg/m ³ (respirable) 15 mg/m ³ (total dust) TWA OSHA PEL

Appropriate engineering controls: Use with adequate general or local exhaust ventilation to minimize exposures levels.

Individual protection measures:

Respiratory protection: None needed under normal use conditions. If exposure limits are exceeded, a NIOSH approved respirator is recommended. Selection of respiratory protection depends on the contaminant type, form and concentration. Select in accordance with OSHA 1910.134 and good Industrial Hygiene practice.

Skin protection: Impervious gloves recommended for bulk processing.

Eye protection: Chemical safety goggles recommended for bulk processing.

Other: None known.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance (physical state, color, etc.): Milky, off-white liquid

Odor: Mild sweet, citrus, minty

Odor threshold: Not determined	pH: Not determined
Melting point/freezing point: Not determined	Boiling Point: Not determined
Flash point: None	Evaporation rate: Not determined
Flammability (solid, gas): Not applicable	VOC: Not determined
Flammable limits: LEL: Not determined	UEL: Not determined
Vapor pressure: Not determined	Vapor density: Not determined
Relative density: 0.995-1.015	Solubility(ies): Soluble in water
Partition coefficient: n-octanol/water: Not determined	Auto-ignition temperature: Not available
Decomposition temperature: Not available	Viscosity: Not available

10. STABILITY AND REACTIVITY

Reactivity: Not reactive under normal conditions of use.

Chemical stability: Stable.

Possibility of hazardous reactions: None known.

Conditions to avoid: None known.

Incompatible materials: None known.

Hazardous decomposition products: Thermal decomposition may yield carbon oxides.

11. TOXICOLOGICAL INFORMATION

Acute effects of exposure:

Inhalation: Vapors may be irritating to the respiratory tract.

Ingestion: Swallowing may cause gastrointestinal irritation with nausea, vomiting and diarrhea.

Skin contact: May cause irritation. Prolonged or repeated skin contact may cause allergic sensitization.

Eye contact: Contact may cause irritation with redness, pain and tearing.

Chronic Effects: Cinnamon leaf oil is suspected to cause cancer and germ cell mutagenicity (genetic defects).

Sensitization: Lemongrass oil, clove oil, cinnamon oil and peppermint oil are skin sensitizers.

Germ Cell Mutagenicity: Cinnamon leaf oil contains components that are suspected of being germ cell mutagens.

Reproductive Toxicity: Ingredients are not reproductive toxins.

Carcinogenicity: None of the components are listed as carcinogens or suspected carcinogens by IARC, NTP, ACGIH or OSHA. Cinnamon leaf oil contains components that are suspected to cause cancer.

Acute Toxicity Values: Acute toxicity estimate (ATE) calculated: Oral >2000 mg/kg; Dermal >2000 mg/kg

12. ECOLOGICAL INFORMATION

This product is harmful to aquatic life with long lasting effects. Avoid release to the environment.

Ecotoxicity values: No data available.

Persistence and degradability: No data available.

Bioaccumulative potential: No data available.

Mobility in soil: No data is available.

Other adverse effects: None known.

13. DISPOSAL CONSIDERATIONS

Dispose in accordance with all local, state and federal regulations. **CONTAINER DISPOSAL:** Nonrefillable container. Do not reuse or refill this container. If empty: 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.

14. TRANSPORT INFORMATION

	UN Number	Proper shipping name	Hazard Class	Packing Group	Environmental Hazard
DOT	None	Not Regulated			
TDG	None	Not Regulated			
IMDG	None	Not Regulated			
IATA	None	Not Regulated			

Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code): Not applicable – product is transported only in packaged form.

Special precautions: None known.

15. REGULATORY INFORMATION

This chemical is an exempt pesticide product that does not require registration by the United States Environmental Protection Agency however it 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 other chemicals. The hazard information from the product label is reproduced below. This label also includes other important information, including directions for use.

FIFRA Labeling: CAUTION • KEEP OUT OF REACH OF CHILDREN

TO HUMANS: Avoid contact with eyes and breathing mist. Wash thoroughly with soap and water after handling, and before eating, drinking, chewing gum, using tobacco or using the toilet.

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

EPA Status: Sergeant's Pet Care Products, Inc. represents that this product qualifies for exemption from registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA). This product has not been registered by the United States Environmental Protection Agency.

CERCLA: This product is not subject to release reporting. Many states have more stringent release reporting requirements. Report spills as required under federal, state and local regulations.

SARA Hazard Category (311/312): Acute Health, Chronic Health

EPA SARA 313: This product contains the following chemicals regulated under SARA Title III, section 313:
None

EPA TSCA Inventory: All components are listed on the EPA TSCA inventory or exempt.

16. OTHER INFORMATION

NFPA Rating: Health = 2 Flammability = 0 Instability = 0
HMIS Rating: Health = 2* Flammability = 0 Physical Hazard = 0

SDS Revision History: New SDS.

Date of Preparation: October 30, 2016

Disclaimer: This SDS has been prepared for occupational exposure. Consumers: Refer to the package insert or product label for appropriate consumer-specific information about this product when used according to manufacturer's directions. Although reasonable care has been taken in the preparation of this document, we extend no warranties and make no representations as to the accuracy of the information contained therein, and assume no responsibility regarding the suitability of this information for the user's intended purposes or for the consequence of its use. Each individual should make a determination as to the suitability of the information for their particular purpose(s).