

Material Safety Data Sheet
 May be used to comply with
 OSHA's Hazard Communication Standard,
 29 CFR 1910.1200. Standard must be consulted
 for specific requirements.

U.S. Department of Labor
 Occupational Safety and Health Administration
 (Non-Mandatory Form)
 Form Approved
 OMB No. 1218-0072

IDENTITY (As Used on Label and List)

Martin's Flea Tick & Mange Dip

EPA Reg. No. 53883-78

Date: 07-23-03

Section I

Control Solutions, Inc.
 5903 Genoa-Red Bluff
 Pasadena, TX 77507-1041

CHEMTREC (800) 424-9300
 Corporate (281) 892-2500

Section II - Hazardous Ingredients/Identity

Hazardous Components (Specific Chemical Identity: Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits	% (Optional)
*Permethrin CAS#52645-53-1				3.20
Inert Ingredients				96.80
*(3-phenoxyphenyl) methyl (±) cis/trans-3-(2,2-dichloroethenyl)2,2-dimethylcyclopropanecarboxylate Cis/trans ratio: min. 35% (±) cis and max. 65% (±) trans				

Section III - Physical Data

ODOR: Very Slight	MELTING POINT: NE	APPEARANCE: Liquid
PARTICLE SIZE: NA	LBS/GAL: 8.33	CLOUD PT: N/A
COLOR (G-H): Pale Yellow	BOILING POINT: NE	pH: 5.29
VAPOR PRESSURE: NE	FLASH POINT: NA	VAPOR DENSITY: NE
PERCENT VOLATILE: NE	EVAPORATION RATE: NE	BULK DENSITY (settle): NA
SPECIFIC GRAVITY: 1.00	BULK DENSITY (FLUFFED): NA	REFRACTIVE INDEX: NE
SOLUBILITY (OIL): Insoluble	SOLUBILITY (WATER): Soluble	

Section IV - Fire and Explosion Hazard Information

FLASH POINT (METHOD USED): NA
 FLAMMABLE LIMIT (UPPER): NE
 FLAMMABLE LIMIT (LOWER): NE
 FIRE EXTINGUISHING MEDIA: Foam, carbon dioxide, dry chemical & water fog.
 SPECIAL PROCEDURES: Use self-contained breathing apparatus. Cool fire exposed areas and equipment.

Section V - Health Hazard Data

ORAL LD50: >2000 mg/kg
 INHALATION LC50: >2.03 mg/L
 EYE EFFECTS: Avoid Contact
 TOXICITY CATEGORY: "CAUTION" Label Required
 ADDITIONAL COMMENTS: Harmful if swallowed or absorbed through the skin.
 DERMAL LD50: >5000 mg/kg
 THRESHOLD LIMIT VALUE: NE
 SKIN EFFECTS: Avoid Contact

Section VI - Special Protection

EYE PROTECTION: Avoid contact
 SKIN PROTECTION: Avoid contact
 RESPIRATORY PROTECTION: None likely to be needed.
 OTHER PRECAUTIONS: Wash thoroughly after handling. Remove and wash clothing before reuse.

Section VII - Emergency & First Aid Procedures

IF SWALLOWED: Call a physician or Poison Control Center immediately
 IF ON SKIN: Wash promptly with plenty of soap and water. Wash contaminated clothing.
 IF IN EYES: Rinse eyes for at least 15 minutes with plenty of water. Call a physician if irritation persists.
 IF INHALED: Remove person to fresh air. Apply artificial respiration if indicated.
 NOTE TO PHYSICIAN: Do not administer or instill milk, cream or other substances containing vegetable or animal fats which will enhance absorption of lipophilic substances.

Section VIII - Effects of Over-Exposure

NE

Section IX - Spillage or Leakage Procedures

In case of spill or leakage, soak up with an absorbent material such as sand, sawdust, earth, fuller's earth, etc. Dispose of according to local, state authorities.

Section X - Waste Disposal Methods

Do not contaminate water, food, or feed by storage or disposal.

DISPOSAL: If empty: do not reuse this container. Do not rinse unless required for recycling. Place in trash. If partly filled: call your local solid waste agency or 1-800-CLEANUP for disposal instructions. Unless otherwise instructed, place in trash. Never pour unused product down the drain or on the ground.

Section XI - Additional Precautions

ENVIRONMENTAL HAZARDS: This product is extremely toxic to fish. Do not apply directly to water. Drifts and runoff from treated areas may be hazardous to aquatic organisms in treated areas. Do not contaminate water when cleaning equipment or disposing of equipment washwaters.

This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively visiting the treatment area. Product is for use on residential lawns and gardens only.

Section XII - Comments

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NOTICE: This information is believed to be accurate and reliable. However, no guarantee expressed or implied is made with respect to the information contained herein.

KEEP OUT OF REACH OF CHILDREN

ABBREVIATION KEY

NA: NOT AVAILABLE OR APPLICABLE

NE: NOT ESTABLISHED

TLV: THRESHOLD LIMIT VALUE

TWA: TIME WEIGHTED AVG./8 HOUR WORKDAY

STEL: SHORT TERM EXPOSURE LIMIT

D.O.T.: DEPARTMENT OF TRANSPORTATION

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