

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 Viper Yard & Garden Ready to Spray

Date: 09-25-00

Section I

Control Solutions, Inc.
2739 Pasadena Blvd.
Pasadena, TX 77502

CHEMTREC (800) 424-9300
Corporate (713) 473-3345

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					2.50
Inert Ingredients (water base)					97.50
*(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: Mild	MELTING POINT: NE	APPEARANCE: Liquid
PARTICLE SIZE: NA	LBS/GAL: 8.4016	CLOUD PT: N/A
COLOR (G-H): Off White	BOILING POINT: NE	pH: 7.3
VAPOR PRESSURE: NE	FLASH POINT: <140 °F	VAPOR DENSITY: NE
PERCENT VOLATILE: NE	EVAPORATION RATE: NE	BULK DENSITY (settle): NA
SPECIFIC GRAVITY: .008	BULK DENSITY (FLUFFED): NA	REFRACTIVE INDEX: NE
SOLUBILITY (OIL): Soluble	SOLUBILITY (WATER): Emulsifiable	

Section IV - Fire and Explosion Hazard Information

FLASH POINT (METHOD USED): <140°F (TCC)
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: NE	DERMAL LD50: NE
INHALATION LD50: NE	THRESHOLD LIMIT VALUE: NE
EYE EFFECTS: Avoid Contact	SKIN EFFECTS: Avoid Contact
TOXICITY CATEGORY: "CAUTION" Label Required	
ADDITIONAL COMMENTS: Harmful if swallowed or absorbed through the skin.	

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.

Section VIII - Effects of Over-Exposure

NONE

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.

CONTAINER DISPOSAL: Do not reuse container. Rinse thoroughly before discarding in trash.

Section XI - Additional Precautions

STORAGE: Store in a cool, dry area away from heat or open flame.

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 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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