

MATERIAL SAFETY DATA SHEET

Dated: 05-01-00

SECTION I - IDENTIFICATION OF PRODUCT

MANUFACTURER'S NAME: CONTROL SOLUTIONS, INC.
2739 PASADENA, BLVD
PASADENA, TX 77502

PRODUCT NAME: MARTIN'S VIPER INSECT DUST **EPA REGISTRATION NO.** 53883-33
EPA ESTABLISHMENT NO. 44616-MO-1

EMERGENCY PHONE: (713)-473-3345 **TRANSPORT EMERGENCY:** ChemTrec (800) 424-9300

CHEMICAL NAME: See Section VI

C.A.S. NAME: See Section VI

C.A.S. NUMBER: See Section VI

CHEMICAL FORMULA: See Section VI

MOLECULAR WEIGHT: N/A

CHEMICAL FAMILY: Pyrethroid

D.O.T. HAZARD CLASS: N/A

D.O.T. SHIPPING NAME: Insecticide Dry
Other than Agriculture N.O.I.B.N.

SECTION II - PHYSICAL DATA

ODOR: Odorless **APPEARANCE:** Fine powder

COLOR (G-H): Off-white **VAPOR PRESSURE:** N/E

FLASH POINT: N/A **VAPOR DENSITY:** N/E

SPECIFIC GRAVITY: N/A **pH:** N/A

BULK DENSITY : 50#/cu.ft. **REFRACTIVE INDEX:** N/E

SOLUBILITY (OIL): N/A **SOLUBILITY (WATER):** Slightly soluble

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SECTION III - FIRE & EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED):	N/A
FLAMMABLE LIMIT (LOWER):	N/A
FLAMMABLE LIMIT (UPPER):	N/A
FIRE EXTINGUISHING MEDIA:	May burn initially, but will not sustain combustion. CO ₂ Foam, or dry chemical
SPECIAL PROCEDURES:	Wear self-contained breathing apparatus and full protective clothing.
UNUSUAL FIRE/EXPLOSION HAZARDS:	Product contains dust particles that may be explosive if mixed with air in critical proportions and in the presence of a source of ignition. Maintain normal good housekeeping for control of dust.

SECTION IV - HEALTH HAZARD DATA

TOXICITY CATEGORY:	"Caution" label required
ORAL LD50:	N/E
DERMAL LD50:	N/E
INHALATION LD50:	N/E
EYE EFFECTS:	Irritant. Avoid contact with eyes.
SKIN EFFECTS:	Irritant. Avoid contact with skin.
THRESHOLD LIMIT VALUE:	N/E
ADDITIONAL COMMENTS:	Harmful if swallowed, inhaled. Avoid breathing dust. (Nuisance Dust 10 -15 mg/m ³)

SECTION V - SPECIAL PROTECTION

EYE PROTECTION:	Wear safety goggles
SKIN PROTECTION:	Wear long-sleeved coveralls, rubber boots and rubber gloves or equivalent protective gear when handling product.
RESPIRATORY PROTECTION:	Wear NIOSH approved dust respirator where dust exposure by inhalation may occur.
OTHER PRECAUTIONS:	Wash thoroughly with soap and water after handling. Avoid contamination of feed and foodstuffs.
EFFECTS OF OVEREXPOSURE:	May produce skin sensations (feeling of numbing and tingling) in certain individuals. Excess inhalation of dust may cause hyperactivity, hypersensitivity and pulmonary problems.

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SECTION VI - HAZARDOUS COMPONENTS OF MIXTURES

<u>MATERIAL</u>	<u>PERCENT</u>
*Permethrin (CAS #52645-53-1)	0.25%
* (3-phenoxyphenyl) methyl (+/-) cis/trans-3-(2,2-dichloroethenyl) 2,2-dimethylcylopropanecarboxylate Cis/trans ratio: min. 35% (+/-) cis and max. 65% (+/-) trans.	
Inert Ingredients	99.75%

SARA TITLE III - Section 313

This product contains the following toxic chemicals subject to reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA) of 1986 and of 40 CFR 372:

<u>CAS Number</u>	<u>Ingredient Name</u>	<u>Percent by Weight</u>
52645-53-1	Permethrin	Min: 0.225 Max: 0.275%

This information must be included on all MSDS(s) that are copied and distributed for this product.

SECTION VII - EMERGENCY & FIRST AID PROCEDURES

IF SWALLOWED: Call a physician or Poison Control Center. Drink one or two glasses of water and induce vomiting by touching the back of the throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

IF INHALED: Remove affected person to fresh air. Apply artificial respiration if indicated.

IF ON SKIN: Wash with plenty of water and soap. Get medical attention if irritation persists.

IF IN EYES: Immediately flush eyes with plenty of water for 15 minutes. Get medical attention if irritation persists

ANIMALS: Harmful if swallowed or inhaled. Consult a veterinarian before using this product on debilitated, aged, pregnant or nursing animals, or animals on medication. Sensitivities may occur after using ANY pesticide product for pets. If signs of sensitivity occur, bathe your pet with mild soap and rinse with large amounts of water. If signs continue, consult a veterinarian immediately.

SECTION VIII - ECOLOGICAL INFORMATION

This product is toxic to fish. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of wastes.

SECTION IX - SPILLAGE OR LEAKAGE PROCEDURES

In case of spill, collect material in container for disposal according to local regulation. Refer to Section V for Special Protection.

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SECTION X - WASTE DISPOSAL METHODS/STORAGE & HANDLING

Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an EPA approved waste disposal facility.

Container Disposal: Bags: Completed empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

Store product in a cool, dry place out of the reach of children. Do not contaminate water, food, or feed by storage or disposal.

Do not use or store near heat or open flame.

SECTION XI - ADDITIONAL PRECAUTIONS

Maintain good housekeeping to control dust accumulations.

FOR PET USE - USE ONLY ON CATS OR DOGS. Do not use on kittens or puppies under twelve (12) weeks of age.

READ AND FOLLOW LABEL PRECAUTIONS AND DIRECTIONS FOR USE.

SECTION XII - COMMENTS

The information contained herein is believed to be accurate whether originating with Control Solutions, Inc. or not. Control Solutions, Inc. provides no warranties, either expressed or implied, and assumes no responsibility for the accuracy or completeness of the data. Recipients are advised to confirm any data, in advance of need, that it is current, applicable and suitable to their circumstances.

N/E = Not Established

N/A = Not applicable