

# MATERIAL SAFETY DATA SHEET

Dated: 08/10/00

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## SECTION I - IDENTIFICATION OF PRODUCT

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**MANUFACTURER'S NAME:** Control Solutions, Inc.  
2739 Pasadena Blvd.  
Pasadena, TX 77502

**PRODUCT NAME:** Martin's Viper RTU      **EPA REGISTRATION NO.** 4-393-53883  
**EPA ESTABLISHMENT NO.** 53883-TX-002

**Emergency Phone:** (800) 424-9300 (ChemTrec)

**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:** Mixture

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

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

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## SECTION II - PHYSICAL DATA

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<b>ODOR:</b>	Slight solvent odor	<b>MELTING POINT:</b>	N/E
<b>APPEARANCE:</b>	liquid	<b>PARTICLE SIZE:</b>	N/A
<b>LBS/GAL:</b>	8.2964	<b>CLOUD PT:</b>	N/A
<b>COLOR (G-H):</b>	off-white	<b>PERCENT VOLATILE:</b>	N/E
<b>BOILING POINT:</b>	N/E	<b>EVAPORATION RATE:</b>	N/E
<b>VAPOR PRESSURE:</b>	N/E	<b>FLASH POINT:</b>	>200°F
<b>VAPOR DENSITY:</b>	N/E	<b>SPECIFIC GRAVITY:</b>	1.001
<b>BULK DENSITY (FLUFFED):</b>	N/A	<b>BULK DENSITY (SETTLED):</b>	N/A
<b>REFRACTIVE INDEX:</b>	N/E	<b>pH:</b>	6.0 - 8.0
<b>SOLUBILITY (OIL):</b>	N/A	<b>SOLUBILITY (WATER):</b>	Miscible

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## SECTION III - FIRE & EXPLOSION HAZARD DATA

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FLASH POINT (METHOD USED):	>200°F TCC
FLAMMABLE LIMIT (LOWER):	N/A
FLAMMABLE LIMIT (UPPER):	N/A
FIRE EXTINGUISHING MEDIA:	Foam, carbon dioxide, dry chemical
SPECIAL PROCEDURES:	Use self-contained breathing apparatus. Cool fire exposed areas and equipment.
UNUSUAL FIRE/EXPLOSION HAZARDS:	None

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## SECTION IV - HEALTH HAZARD DATA

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TOXICITY CATEGORY:	"Caution" label required
ORAL LD50:	N/E
DERMAL LD50:	N/E
INHALATION LD50:	N/E
EYE EFFECTS:	No irritation
SKIN EFFECTS:	Slight to moderate irritation
THRESHOLD LIMIT VALUE:	N/A
ADDITIONAL COMMENTS:	Wash thoroughly after handling and before eating or smoking.

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## SECTION V - SPECIAL PROTECTION

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### EYE PROTECTION:

**SKIN PROTECTION:** Wash thoroughly after handling and before smoking or eating.

**RESPIRATORY PROTECTION:** None

**OTHER PRECAUTIONS:** Avoid contamination of feed and foodstuffs. Remove pets and birds and cover fish aquaria before surface applications. Do not use on humans. Do not allow children or pets to contact treated areas until surfaces are dry.

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.

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## SECTION VI - HAZARDOUS COMPONENTS OF MIXTURES

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<u>MATERIAL</u>	<u>PERCENT</u>
*Permethrin (CAS #52645-53-1)	0.25%
* (3-phenoxyphenyl) methyl (+/-) cis/trans-3-(2,2-dichloroethenyl) 2,2-dimethylcyclopropanecarboxylate Cis/trans ratio: min. 35% (+/-) cis and max. 65% (+/-) trans.	
Inert Ingredients (water base)	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 copies and are distributed for this product.

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## SECTION VII - EMERGENCY & FIRST AID PROCEDURES

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**IF IN EYES:** Flush eyes with plenty of water. Call a physician if irritation persists

**IF ON SKIN:** Remove contaminated clothing and wash affected areas with soap and warm water.

**IF SWALLOWED:** Drink one or two glasses of water and induce vomiting by touching the back of the throat with finger. Repeat until vomit fluid is clear. Call a physician immediately. Do not induce vomiting or give anything by mouth to an unconscious person.

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## SECTION VIII - EFFECTS OF OVER-EXPOSURE

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N/E

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## SECTION IX - SPILLAGE OR LEAKAGE PROCEDURES

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Store upright at room temperature. Avoid exposure to extreme temperatures. In case of spill or leakage, soak up with an absorbent material such as sand, sawdust, earth, fuller's earth, etc. Dispose of with chemical waste.

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## SECTION X - WASTE DISPOSAL METHODS

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

**Container Disposal:** Do not reuse container. Wrap container in several layers of newspaper and discard in trash.

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## SECTION XI - ADDITIONAL PRECAUTIONS

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**Environmental Hazards:** This product is extremely toxic to fish. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters.

**DO NOT USE ON CATS OR KITTENS. Not recommended for use on puppies less than twelve weeks old.**

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## SECTION XII - COMMENTS

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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**