

# MATERIAL SAFETY DATA SHEET

Revised: 09/24/04

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## SECTION I - IDENTIFICATION OF PRODUCT

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**MANUFACTURER'S NAME:** Control Solutions, Inc.  
5903 Genoa-Red Bluff  
PASADENA, TX 77507-1041

**PRODUCT NAME:** Martin's Stock-Tox X Livestock and Premise Spray

**EPA REGISTRATION NO.** 53883-25  
**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:** Pyrethroid

**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>	Aromatic	<b>MELTING POINT:</b>	N/E
<b>APPEARANCE:</b>	liquid	<b>PARTICLE SIZE:</b>	N/A
<b>LBS/GAL:</b>	7.16	<b>CLOUD PT:</b>	N/A
<b>COLOR (G-H):</b>	Medium straw	<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>	110°F
<b>VAPOR DENSITY:</b>	N/E	<b>SPECIFIC GRAVITY:</b>	0.860
<b>BULK DENSITY (FLUFFED):</b>	N/A	<b>BULK DENSITY (SETTLED):</b>	N/A
<b>REFRACTIVE INDEX:</b>	N/E	<b>pH:</b>	Neutral
<b>SOLUBILITY (OIL):</b>	Miscible	<b>SOLUBILITY (WATER):</b>	Emulsifiable

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## SECTION III - FIRE & EXPLOSION HAZARD DATA

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<b>FLASH POINT (METHOD USED):</b>	110°F (TCC)
<b>FLAMMABLE LIMIT (LOWER):</b>	N/E
<b>FLAMMABLE LIMIT (UPPER):</b>	N/E
<b>FIRE EXTINGUISHING MEDIA:</b>	Foam, carbon dioxide, dry chemical & water fog.
<b>SPECIAL PROCEDURES:</b>	Use self contained breathing apparatus. Cool fire exposed areas and equipment.
<b>UNUSUAL FIRE/EXPLOSION HAZARDS:</b>	Do not use direct stream of water - material may float and reignite.

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## SECTION IV - HEALTH HAZARD DATA

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<b>TOXICITY CATEGORY:</b>	"CAUTION" Label Required
<b>ORAL LD50:</b>	N/E
<b>DERMAL LD50:</b>	N/E
<b>INHALATION LD50:</b>	N/E
<b>EYE EFFECTS:</b>	Avoid Contact
<b>SKIN EFFECTS:</b>	Avoid Contract
<b>THRESHOLD LIMIT VALUE:</b>	N/E
<b>ADDITIONAL COMMENTS:</b>	Harmful if swallowed or absorbed through the skin.

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## SECTION V - SPECIAL PROTECTION

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<b>EYE PROTECTION:</b>	Safety glasses or goggles. Full-faced gas mask with canister is recommended for general protection when applying indoors as a spacespray or fogger.
<b>SKIN PROTECTION:</b>	Rubber or impervious gloves.
<b>RESPIRATORY PROTECTION:</b>	None likely to be needed.
<b>OTHER PRECAUTIONS:</b>	Wash thoroughly after handling. Remove and wash clothing before reuse. Contamination of food and feed.

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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)	10.00%
* (3-phenoxyphenyl) methyl ( $\pm$ ) cis/trans-3-(2,2-dichloroethenyl) 2,2-dimethylcyclopropanecarboxylate Cis/trans ratio: min. 35% ( $\pm$ ) cis and max. 65% ( $\pm$ ) trans	
Inert Ingredients	90.00%

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## SECTION VII - EMERGENCY & FIRST AID PROCEDURES

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

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

**IF ON SKIN:** Remove contaminated clothing and wash affected areas of skin with soap and water. Contact a physician if irritation persists.

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

**NOTE TO PHYSICIAN:** This product contains petroleum solvents. Vomiting may cause aspiration pneumonia.

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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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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.

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## SECTION X - WASTE DISPOSAL METHODS

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

**Pesticide Disposal:** Pesticide, spray mixture or rinse water that cannot be used according to label instructions must be disposed of at or by an approved waste disposal facility.

**Container Disposal:** Triple rinse (or equivalent) then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other approved state and local procedures.

**For Containers Under 1 Gallon:** 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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**Storage:**        **Store upright at room temperature. Avoid exposure to extreme temperatures.**

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. Drift and runoff from treated areas may be hazardous to aquatic organisms in treated areas. Do not contaminate water when disposing of equipment washwater/dip solution.

The product is highly toxic to bees exposed to direct treatment on blooming crops or weeds while bees are actively visiting the treatment area.

**Physical Hazards:** Do not use or store near heat or open flame. Do not use this product in or on electrical equipment due to the possibility of shock hazard.

**Do not apply to classrooms when in use. Do not apply this product in occupied patient rooms or in any rooms while occupied by the elderly or infirm.**

**Recommended for Agricultural/Commercial Use.**

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## **SECTION XII - COMMENTS**

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