

# MATERIAL SAFETY DATA SHEET

Revised: 02/17/00

---

## SECTION I - IDENTIFICATION OF PRODUCT

---

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

**PRODUCT NAME:** HORSE & STABLE SPRAY      **EPA REGISTRATION NO. 53883-26**  
**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.

---

## SECTION II - PHYSICAL DATA

---

<b>ODOR:</b>	Slight	<b>MELTING POINT:</b>	N/E
<b>APPEARANCE:</b>	liquid	<b>PARTICLE SIZE:</b>	N/A
<b>LBS/GAL:</b>	8.2643	<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>	0.992
<b>BULK DENSITY (FLUFFED):</b>	N/A	<b>BULK DENSITY (SETTLED):</b>	N/A
<b>REFRACTIVE INDEX:</b>	N/E	<b>SOLUBILITY (OIL):</b>	Trace
		<b>SOLUBILITY (WATER):</b>	Miscible

# MATERIAL SAFETY DATA SHEET

## SECTION III - FIRE & EXPLOSION HAZARD DATA

---

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

## SECTION IV - HEALTH HAZARD DATA

---

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/E
ADDITIONAL COMMENTS:	Harmful if swallowed. Avoid breathing vapors. Wash thoroughly after handling, and before eating or smoking.

## SECTION V - SPECIAL PROTECTION

---

EYE PROTECTION:	Safety Glasses
SKIN PROTECTION:	Rubber Gloves
RESPIRATORY PROTECTION:	None
OTHER PRECAUTIONS:	Avoid contamination of feed or foodstuffs. Remove pets and birds and cover fish aquaria before space spraying or surface application. Do not use on humans. Vacate room after treatment and ventilate before reoccupying. Do not allow children or pets to contact treated areas until surfaces are dry.

## SECTION VI - HAZARDOUS COMPONENTS OF MIXTURES

---

# MATERIAL SAFETY DATA SHEET

<u>MATERIAL</u>	<u>PERCENT</u>
*Permethrin (CAS #52645-53-1)	0.50%
* (3-phenoxyphenyl) methyl (±) cis/trans-3-(2,2-dichloroethenyl) 2,2-dimethylcylopropanecarboxylate Cis/trans ratio: min. 35% (±) cis and max. 65% (±) trans.	
Inert Ingredients	99.50%

---

## SECTION VII - EMERGENCY & FIRST AID PROCEDURES

---

- IF SWALLOWED:** Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of 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.
- IF IN EYES:** Flush with plenty of water. Get medical attention if irritation persists.

---

## SECTION VIII - EFFECTS OF OVER-EXPOSURE

---

N/E

---

## SECTION IX - SPILLAGE OR LEAKAGE PROCEDURES

---

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.

---

## SECTION X - WASTE DISPOSAL METHODS

---

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. **Containers one Gallon and Smaller:** Do not transport or store below 32EF. Do not reuse container. Wrap container in several layers of newspaper and discard in trash.

---

## SECTION XI - ADDITIONAL PRECAUTIONS

---

This product is toxic to fish. Do not apply directly to lakes, streams, ponds, tidal marches or estuaries. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment or disposal of wastes.

**For Commercial/Agricultural Use**

---

## SECTION XII - COMMENTS

---

# MATERIAL SAFETY DATA SHEET

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**