

MATERIAL SAFETY DATA SHEET

Revised 01-30-01

SECTION I IDENTIFICATION OF

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

PRODUCT NAME: Martin's PERMETHRIN 1.0% POUR-ON
EPA REG. NO. 53883-76
EPA EST. NO. 53883-TX-002

EMERGENCY PHONE: (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 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

ODOR:	Mild sweet odor	MELTING POINT:	N/E
APPEARANCE:	Liquid	PARTICLE SIZE:	N/A
LBS/GAL:	7.1876#/Gal	CLOUD PT:	N/A
COLOR (G-H):	light straw	PERCENT VOLATILE:	N/E
BOILING POINT:	N/E	EVAPORATION RATE:	N/E
VAPOR PRESSURE:	N/E	FLASH POINT:	172°F
VAPOR DENSITY:	N/E	SPECIFIC GRAVITY:	0.862
BULK DENSITY (FLUFFED):	N/A	BULK DENSITY (SETTLED):	N/A
REFRACTIVE INDEX:	N/E		
SOLUBILITY (OIL):	Soluble	SOLUBILITY (WATER):	Insoluble

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SECTION III - FIRE & EXPLOSION HAZARD

FLASH POINT (METHOD USED): 172°F
FLAMMABLE LIMIT (LOWER): N/E
FLAMMABLE LIMIT (UPPER): N/E
FIRE EXTINGUISHING MEDIA: Foam, carbon dioxide, dry chemical & water fog.
SPECIAL PROCEDURES: Use self contained breathing apparatus. Cool fire exposed areas and equipment.
UNUSUAL FIRE/EXPLOSION HAZARDS: Do not use direct stream of water - material may float and reignite.

SECTION IV - HEALTH HAZARD DATA

TOXICITY CATEGORY: "Caution"
ORAL LD50: N/E
DERMAL LD50: N/E
INHALATION LD50: N/E
EYE EFFECTS: Avoid contact
SKIN EFFECTS: N/E
THRESHOLD LIMIT VALUE: N/A
ADDITIONAL COMMENTS: None

SECTION V - SPECIAL PROTECTION

EYE PROTECTION: Avoid contact
SKIN PROTECTION: N/E
RESPIRATORY PROTECTION: N/E
OTHER PRECAUTIONS: Do not use or store near heat or open flame.

SECTION VI - HAZARDOUS COMPONENTS OF MIXTURES

<u>MATERIAL</u>	<u>PERCENT</u>
*Permethrin (CAS # 52645-53-1)	1.00%
*(3-phenoxyphenyl) methyl (") cis/trans-3-(2,2-dichloroethenyl) 2,2-dimethylcyclopropanecarboxylate Cis/trans ration: min. 35% (") cis and max. 65% (") trans	
Inert Ingredients **	99.00%
**Contains petroleum distillate	

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SECTION VII - EMERGENCY & FIRST AID

IF SWALLOWED: Call a physician or Poison Control Center. Do not induce vomiting unless directed by a physician.

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: Solvent presents aspiration hazard. Gastric lavage is indicated if material was taken internally.

SECTION VIII - EFFECTS OF OVER-EXPOSURE

N/E

SECTION IX - SPILLAGE OR LEAKAGE

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 incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

Container One Gallon and Under: Do not reuse empty container. Rinse thoroughly, wrap in several layers of newspaper and place in trash.

SECTION XI - ADDITIONAL PRECAUTIONS

This product is extremely toxic to fish. Use with care when applying to areas adjacent to any body of water. Do not add directly to water. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on the label.

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