

MATERIAL SAFETY DATA SHEET

Revised: 12-02-04

SECTION I - IDENTIFICATION OF PRODUCT

MANUFACTURER'S NAME: CONTROL SOLUTIONS, INC
5903 Genoa-Red Bluff
Pasadena, TX 77507-1041

PRODUCT NAME: Cyper EC Insecticide Concentrate **EPA REGISTRATION NO. 53883-27**
EPA EST. NO. 53883-TX-002

Emergency Phone: (281) 892-2500

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

ODOR:	Aromatic hydrocarbon	MELTING POINT:	N/E
APPEARANCE:	liquid	PARTICLE SIZE:	N/A
LBS/GAL:	8.24	CLOUD PT:	N/A
COLOR (G-H):	Dark amber	PERCENT VOLATILE:	N/E
BOILING POINT:	N/E	EVAPORATION RATE:	N/E
VAPOR PRESSURE:	N/E	FLASH POINT:	164°F
VAPOR DENSITY:	N/E	SPECIFIC GRAVITY:	1.007
BULK DENSITY (FLUFFED):	N/A	BULK DENSITY (SETTLED):	N/A
REFRACTIVE INDEX:	N/E	pH:	3.98 (1% disp)
SOLUBILITY (OIL):	Soluble	SOLUBILITY (WATER):	Emulsifiable

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SECTION III - FIRE & EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED):	164°F (Setaflash)
FLAMMABLE LIMIT (LOWER):	N/E
FLAMMABLE LIMIT (UPPER):	N/E
FIRE EXTINGUISHING MEDIA:	Foam, carbon dioxide, dry chemical & water fog.
SPECIAL PROCEDURES: and	Use self contained breathing apparatus. Cool fire exposed areas equipment.
UNUSUAL FIRE/EXPLOSION HAZARDS:	

SECTION IV - HEALTH HAZARD DATA

TOXICITY CATEGORY:	"WARNING" label required
ORAL LD50:	N/E
DERMAL LD50:	N/E
INHALATION LD50:	N/E
EYE EFFECTS:	Irritant
SKIN EFFECTS:	Irritant
THRESHOLD LIMIT VALUE:	N/E
ADDITIONAL COMMENTS:	Causes substantial but temporary eye injury. Causes skin irritation. Do not get in eyes, on skin or on clothing. Harmful if swallowed, absorbed through skin or inhaled. Avoid breathing spray.

SECTION V - SPECIAL PROTECTION

EYE PROTECTION:	Avoid contact - Wear goggles, face shield or safety glasses.
SKIN PROTECTION:	Avoid Contact - Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.
RESPIRATORY PROTECTION:	Avoid breathing spray
OTHER PRECAUTIONS:	Do not use or store near heat or open flame. Do not apply diluted product in conduits, motor housings, junction and switch boxes or other electrical equipment because of possible shock hazard.

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SECTION VI - COMPOSITION/INFORMATION ON INGREDIENTS

<u>MATERIAL</u>	<u>PERCENT</u>
Cypermethrin CAS #52315-07-8 (±) a - cyano-(3-phenoxyphenyl) methyl (±) cis, trans-3-(2,2-dichloroethenyl)-2,2-dimethylcyclopropanecarboxylate. Cis/trans ratio: 45/55(±)10.	25.4%
Inert Ingredients *	74.6%

* Contains Xylene Range Aromatic Solvent

SECTION VII - HAZARDOUS COMPONENTS OF MIXTURES

<u>MATERIAL</u>	<u>PERCENT</u>
Cypermethrin CAS #52315-07-8 (±)a - cyano-(3-phenoxyphenyl) methyl (±) cis, trans-3-(2,2-Dichloroethenyl)-2,2-dimethylcyclopropanecarboxylate. Cis/trans ratio: 45/55(±)10.	25.4%
Xylene Range Aromatic Solvent	

SECTION VIII - EMERGENCY & FIRST AID PROCEDURES

IF SWALLOWED:	Do not induce vomiting. Call a physician or Poison Control Center. Do not give anything by mouth to an unconscious person.
IF IN EYES:	Flush eyes with plenty of water. Call a physician.
IF ON SKIN:	Wash with plenty of soap and water. Get medical attention if irritation persists.
IF INHALED:	Remove victim to fresh air. If not breathing, give artificial respiration preferably mouth-to-mouth. Get medical attention.
NOTE TO PHYSICIAN:	Inducing vomiting as first aid for this substance may result in increased risk of chemical pneumonia or pulmonary edema caused by aspiration of the hydrocarbon solvent. Vomiting should be induced only under professional supervision.

SECTION VIII - EFFECTS OF OVER-EXPOSURE

N/E

SECTION IX - SPILLAGE OR LEAKAGE PROCEDURES

In case of spill or leakage, soak up with an absorbent material such as sand, earth or synthetic absorbent. Remove to chemical waste area. Dispose of according to local, state authorities.

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SECTION X - WASTE DISPOSAL METHODS

Do not contaminate water, food, or feed by storage or disposal.
Open dumping is prohibited. Do not reuse empty container.

Pesticide Disposal: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative of the nearest EPA Regional Office for guidance.

Container Disposal: Metal Containers. Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities.

Plastic Containers: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Containers Less Than One Gallon: Wrap container in several layers of newspaper and discard in trash.

SECTION XI - ADDITIONAL PRECAUTIONS

Storage: Store product in original container and keep container closed when not in use. Do not store near food or feed. Protect from freezing

Environmental Hazards: This product is extremely toxic to fish. Do not contaminate water when disposing of equipment washwaters. Do not apply directly to any body of water, or to any areas where the surface water is present or to intertidal areas below the mean high water mark. Apply this product only as specified on this label. Care should be used when spraying to avoid fish and reptile pets by removing pets and covering fish tanks before spraying.

Product is for Industrial/Institutional/Commercial Use only.

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