

MATERIAL SAFETY DATA SHEET

Revised: 02/16/99

SECTION I - IDENTIFICATION OF PRODUCT

MANUFACTURER'S NAME: C.J. MARTIN COMPANY
2739 PASADENA BLVD.
PASADENA, TX 77502

PRODUCT NAME: RESCUE ONE SPRAY PROTECTION
EPA REGISTRATION NO. 4-122-299
EPA ESTABLISHMENT NO. 4-NY-1

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/E

CHEMICAL FAMILY: Fungicide/Insecticide/Miticide

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

D.O.T. SHIPPING NAME: ORM-D

SECTION II - PHYSICAL DATA

ODOR:	Characteristic solvent	MELTING POINT:	N/A
APPEARANCE:	Liquid	PARTICLE SIZE :	N/A
LBS/GAL:	8.27	CLOUD PT:	N/A
COLOR (G-H):	Tan	PERCENT VOLATILE:	
BOILING POINT:	N/A	EVAPORATION RATE:	
VAPOR PRESSURE:	N/A	FLASH POINT:	110° F
VAPOR DENSITY:	N/A	SPECIFIC GRAVITY:	1.3
BULK DENSITY (FLUFFED):	N/A	BULK DENSITY (SETTLED):	N/A
REFRACTIVE INDEX:	N/E		
SOLUBILITY (OIL):		SOLUBILITY (WATER):	Emulsifies

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SECTION III - FIRE & EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): 110°F (TCC)

FLAMMABLE LIMIT (LOWER): N/E

FLAMMABLE LIMIT (UPPER): Combustible

FIRE EXTINGUISHING MEDIA CO₂ or foam extinguishers may be necessary

SPECIAL PROCEDURES: Backpacks and protective gear needed.

UNUSUAL FIRE/EXPLOSION HAZARDS: Extremely Flammable. Keep away from fire, sparks and heated surfaces.

SECTION IV - HEALTH HAZARD DATA

TOXICITY CATEGORY: "DANGER" Label Required

ORAL LD50: N/E

DERMAL LD50: N/E

INHALATION LD50: N/E

EYE EFFECTS: Causes irreversible eye damage

SKIN EFFECTS: Avoid Contact with skin or clothing

THRESHOLD LIMIT VALUE: N/E

ADDITIONAL COMMENTS: Harmful if swallowed or inhaled. May cause allergic skin reactions. Do not get in eyes. Wash hands and clothing after handling.

SECTION V - SPECIAL PROTECTION

EYE PROTECTION: Do not get in eyes. Wear goggles or face shield when handling.

SKIN PROTECTION: Avoid contact with skin and clothing. Wear natural or synthetic rubber, vinyl or plastic gloves impermeable to Captan, also wear long pants and long-sleeved shirt and apply with the wind to your back. Wash nondisposable gloves thoroughly with soap and water before removing. Clothing worn while handling this product must be laundered separately from other clothing before reusing.

RESPIRATORY PROTECTION:

OTHER PRECAUTIONS: This product is toxic to fish. Do not contaminate water with product.

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SECTION VI - HAZARDOUS COMPONENTS OF MIXTURES

<u>MATERIAL</u>	<u>PERCENT</u>
Captan CAS #133-06-02 (N-trichloromethylthio-4-cyclohexene-1,2-dicarboximide)	11.76%
Related Derivatives	0.24%
Malathion CAS #121-75-5	6.0%
Methoxychlor** CAS #72-43-5	12.0%
** Equivalent to 10.56% 2,2-bis (p-methoxyphenyl) 1,1,1-trichloroethene and 1.44% of other isomers and related compounds.	
Carbaryl CAS #63-25-2	0.3%
Inert Ingredients *	69.7%
*contains Petroleum Distillate CAS 64742-95-6 & n-Butyl Alcohol (n-Butanol) CAS# 71-36-3	

SECTION VII - EMERGENCY & FIRST AID PROCEDURES

- IF IN EYES:** Flush with plenty of water. Call a physician.
- IF ON SKIN:** Wash with plenty of soap and water. Get medical attention if irritation persists.
- IF SWALLOWED:** Drink promptly a large quantity of milk, egg whites, gelatin solutions, or if these are not available, drink large quantities of water. Avoid alcohol.
- IF INHALED:** Remove victim to fresh air. If not breathing give artificial respiration, preferably mouth-to-mouth. Get medical attention.
- NOTE TO PHYSICIAN:** This product contains xylene. Aspiration hazard may exist.

SECTION VIII - EFFECTS OF OVER-EXPOSURE

Acute: Do not get in eyes. Causes irreversible eye damage. Harmful if swallowed or inhaled. May cause allergic skin reactions. Excessive inhalation of vapors are irritating to eyes and respiratory tract. Small amount aspirated into the respiratory system during ingestion or vomiting may cause severe pulmonary injury, possibly progressing to death. Two of the active ingredients (carbaryl and malathion) are cholinesterase inhibitors: symptoms include headaches, dizziness, incoordination, drowsiness and unconsciousness.

Chronic: Skin contact may aggravate existing dermatitis conditions.

SECTION IX - SPILLAGE OR LEAKAGE PROCEDURES

Avoid contact with spilled material. Extinguish flames and pilot lights in vicinity. Soak up spill with absorbent material. Product that cannot be used according to label directions must be disposed of according to Federal, State and local procedures.

SECTION X - WASTE DISPOSAL METHODS

Disposal: Soak up with absorbent. Do not contaminate water supplies by disposal. Bury in a safe place or approved landfill. Consult state and local authorities for disposal directives.

Container Disposal: Wrap empty container and place in trash collection.

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SECTION XI - ADDITIONAL PRECAUTIONS

Storage: Store tightly sealed in a cool, dry place, and in an area inaccessible to children or pets. Do not reuse container. Wrap in paper and discard in trash. Do not expose to temperatures below 32°F.

Environmental Hazards: This product is toxic to fish, aquatic invertebrates, and aquatic life stages of amphibians. Do not apply directly to water. Drift and runoff may be hazardous to aquatic organisms in areas near the application site. Do not clean equipment or dispose of equipment wash waters in a manner that will contaminate water resources. This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

Do not apply this product through any type of irrigation equipment.

SECTION XII - COMMENTS

The information contained herein is believed to be accurate whether originating with C.J. Martin or not. C.J. Martin 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.