

MATERIAL SAFETY DATA SHEET

Revised: 12/02/03

SECTION I - IDENTIFICATION OF PRODUCT

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

PRODUCT NAME: Martin's 57% MALATHION
EPA REGISTRATION NO. 769-620-53883
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: Organophosphate

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

D.O.T. SHIPPING NAME: for containers less than 2.5 Gallon: Not currently regulated by DOT

D.O.T. Shipping Description: Insecticide Liquid N.O.I., NMFC Code # 102120

SECTION II - PHYSICAL DATA

ODOR:	mercaptan odor	MELTING POINT:	N/A
APPEARANCE:	liquid	PARTICLE SIZE:	N/A
LBS/GAL:	N/A	CLOUD PT:	N/A
COLOR (G-H):	light straw	PERCENT VOLATILE:	N/A
BOILING POINT:	N/A	EVAPORATION RATE:	N/A
VAPOR PRESSURE:	N/A	FLASH POINT:	110°F
VAPOR DENSITY:	N/A	SPECIFIC GRAVITY:	0.958
BULK DENSITY (FLUFFED):	8.0#/gal	BULK DENSITY (SETTLED):	8.0#
REFRACTIVE INDEX:	N/E		
SOLUBILITY (OIL):	Soluble	SOLUBILITY (WATER):	Soluble

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SECTION III - FIRE & EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): 110°F

FLAMMABLE LIMIT (LOWER): N/E

FLAMMABLE LIMIT (UPPER): N/E

FIRE EXTINGUISHING MEDIA: CO₂, Dry Chemical, Foam

SPECIAL PROCEDURES: Do not use, pour, spill or store near heat or open flame.

UNUSUAL FIRE/EXPLOSION HAZARDS: None reported

SECTION IV - HEALTH HAZARD DATA

TOXICITY CATEGORY: "caution" label required.

ORAL LD50: N/E

DERMAL LD50: N/E

INHALATION LD50: N/E

EYE EFFECTS: irritant - Avoid contact with eyes.

SKIN EFFECTS: irritant - Avoid contact with skin or clothing.

THRESHOLD LIMIT VALUE: N/E

ADDITIONAL COMMENTS: Avoid breathing spray mist. Harmful if swallowed.

SECTION V - SPECIAL PROTECTION

EYE PROTECTION: Wear protective goggles.

SKIN PROTECTION: Wear chemically resistant gloves, apron, boots.

RESPIRATORY PROTECTION: Adequate ventilation.

OTHER PRECAUTIONS: Wash thoroughly with soap and water after using, and before eating, drinking, chewing gum, using tobacco or using the toilet. Avoid contamination of feed or food stuffs. Keep out of reach of children and domestic animals.

USER SAFETY RECOMMENDATIONS: **Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.**

Personal Protective Equipment: Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for Category F on an EPA chemical-resistance category selection chart.

Applicators and Other Handlers must Wear: Long sleeved shirt and long pants. Chemical-resistant gloves, such as Barrier Laminate, or Butyl Rubber, or Nitrile Rubber or Viton. Shoes plus socks. Protective eyewear.

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SECTION VI - HAZARDOUS COMPONENTS OF MIXTURES

<u>MATERIAL</u>	<u>PERCENT</u>
Malathion: O,O-dimethyl dithiophosphate of diethyl mercaptosuccinate CAS #121-75-5	57.0%
Inert Ingredients	43.0%

SECTION VII - EMERGENCY & FIRST AID PROCEDURES

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

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

IF ON SKIN: Remove contaminated clothing and wash affected areas with plenty of soap and water.. If irritation persists, get medical attention.

IF IN EYES: Flush eyes with plenty of water. If irritation persists, get medical attention.

NOTE TO PHYSICIAN: This product contains a cholinesterase inhibitor. Atropine is antidotal. This product contains petroleum solvent. Vomiting may cause aspiration pneumonia.

SECTION VIII - EFFECTS OF OVER-EXPOSURE

N/E

SECTION IX - SPILLAGE OR LEAKAGE PROCEDURES

Soak up spill with absorbent material and consult local authorities for proper disposal.

SECTION X - WASTE DISPOSAL METHODS

Wastes resulting from the use of this product may be disposed of on site or at 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.

SECTION XI - ADDITIONAL PRECAUTIONS

DO NOT CONTAMINATE WATER, FOOD, OR FEED BY STORAGE OR DISPOSAL.

Storage: Store in original container in a cool, locked storage area away from heat and open flame.

Environmental Hazards: This pesticide is toxic to fish, aquatic invertebrates, and aquatic life stages of amphibians. For terrestrial uses, 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 may be hazardous to aquatic organisms in areas near the application site. Do not contaminate water when disposing of equipment washwaters. This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply if bees are visiting the treatment area.

SECTION XII - COMMENTS

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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.