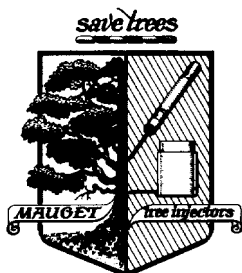


J. J. MAUGET CO.



Mauget

REG. T.M.

MATERIAL SAFETY DATA SHEET

J. J. MAUGET COMPANY
5435 PECK ROAD
ARCADIA, CA. 91006-5847

In Case of Emergency, Call
(626) 444-1057

I. MATERIAL IDENTIFICATION

Product Name: **INJECT-A-CIDE "B"™** EPA Registrtrion No.:7946-11
Active Ingredient: (% w/w)
"Bidrin" 8 Insecticide (82%) CAS NO.141-66-2
Chemical Name: Dicrotophos82% (Dimethyl Phosphate of 3-Hydroxy N, N-Dimethyl-CIS-Crotonamide)
Chemical Class: Pesticide
EPA Signal Word: Danger

II. HAZARDOUS INGREDIENTS

<u>Material</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>% Ingredients</u>
Active: Dicrotophos	N/A	N/A	1.0%
Inert Ingredients: (non-hazardous) Trade Secret	N/A	N/A	

Product Name: **INJECT-A-CIDE "B"™**

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III. FIRST AID PROCEDURES

Early signs of intoxication may include mydriases (dilated pupils), ataxia (unsteadiness), and muscle tremors. Toxicity following accidental ingestion of the concentrate can be minimized by inducing vomiting with one half hour of exposure.

If toxicity from exposure has progressed to cause severe vomiting, the extent of resultant fluid and electrolyte imbalance should be gauged. Appropriate supportive parenteral fluid replacement therapy should be given, along with other required supportive measures (such as maintenance of blood pressure levels) as indicated by clinical signs, symptoms and measurements.

In severe cases, observations should continue for at least several days until clinical condition is stable and normal. Since abamectin B₁ is believed to enhance GABA activity in animals, it is probably wise to avoid drugs that influence GABA activity (barbiturates, benzodiazapines, valproic acid) in patients with potentially toxic abamectin B₁ exposure.

Ingestion: Immediately give one or two glasses of water and induce vomiting by gently touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

Eye Contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.

Skin Contact: In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Call a physician. Wash contaminated clothing before reuse.

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is

IV. HEALTH HAZARD INFORMATION

Symptoms of Exposure: Prolonged dermal contact may result in dryness and redness of the skin. There are rare, inconclusive reports of human sensitization.

Routes of Entry: Inhalation: Yes
Skin: Yes
Ingestion: Yes

Carcinogenicity: NTP: Not Listed
IARC: Not Listed
OSHA: Not Listed

V. PHYSICAL HAZARD INFORMATION

Physical Properties

Boiling Point:	352°F, 178°C
Specific Gravity:Density =	0.9410 g/ml Density = 7.85 lbs/gal
Vapor Pressure:	0.2 @ 68°F, 20°C
Vapor Density:	3.5
pH:	3.0
Melting Point:	-69.5°F, -56.4°C
Evaporation Rate:	N/A
Solubility in Water:	Complete
Appearance:	Light amber liquid
Odor:	Woody like

Fire and Explosion

Flash Point:	101-110 deg F
Flammability Limits:	UEL: 9.7% LEL: 1.5%

Reactivity

Instability:	Stable under normal temperatures and storage conditions.
Hazardous Decomposition:	Combustion produces toxic gases including carbon dioxide and carbon monoxide, and smoke can be generated .
Hazardous Polymerization:	polymerization will not occur.
Incompatibility:	Incompatible with alkaline materials.

VI. ENVIRONMENTAL PROTECTION

GENERALLY APPLICABLE CONTROL MEASURES AND PRECAUTIONS

Use only with adequate ventilation. Keep away from heat, sparks and flames. Do not consume food, drink or tobacco in the areas where they may become contaminated with this material.

Surfaces that are sufficiently hot may ignite liquid product in the absence of sparks or flame.

Extinguish pilot lights, cigarettes and turn off other sources of ignition prior to use and until all vapors are gone. Containers, even empty ones, can contain explosive vapors. Do not cut, drill, grind, weld or perform similar operations on or near containers.

In case of Spill or Leak: Isolate hazard area and keep unnecessary people away. Personnel involved in cleanup should wear full protective clothing. Wear goggles and impermeable rubber gloves when handling spilled material. No flames, smoking or flame in isolated area. Wear respiratory protection for prolonged exposure. Soak up with sand or other noncombustible material and containerize contaminated material in a suitable drum for destruction by incineration. Thoroughly clean all nondisposable items contaminated or used in the cleanup. Run-off from fire control or dilution water may cause water pollution. For large spills, a diversion dike can be made to retain liquid for disposal. Observe all government regulations on spill reporting, and handling and disposal of waste.

Unusual Fire and Explosion Hazards: AbacideTM contains a combustible emulsifiable concentrate liquid.

Product Name:

ABACIDETM

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VII. PERSONAL PROTECTION AND PRECAUTIONS

Respiratory: Not normally needed.

Eye: Wear protective eye wear.

Ventilation: Adequate ventilation should be available.

Other Protective Devices and Procedures: Wear chemical resistant gloves, such as polyethylene or butyl rubber or neoprene rubber or viton.

As is the case for handling any pesticide on a regular basis, showers and a clean change of clothes are recommended at the end of work day. Wash hands before eating, drinking or smoking.

VIII. CALIFORNIA ADDENDUM (PROPOSITION 65) SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT OF 1986

The following specific warnings are hereby given relative to substances that the State of California has identified as carcinogens and/or reproductive hazards under Proposition 65:

- WARNING:** This product contains a chemical known to the State of California to cause cancer.
- WARNING:** This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.
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IX. SARA TITLE III HAZARD CATEGORY: For Reporting Under Section 311 & 312

Components present in this product that require reporting under the statute are: None

Issued Date: 7/26/96

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind expressed or implied, is made with respect to the information contained herein.