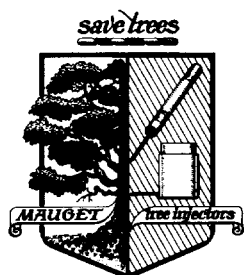


J. J. MAUGET CO.



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: **IMISOL™**

Active Ingredient (% w/w):

Debacarb	(1.70%)	CAS NO. 62732-91-6
[2-(2-ethoxyethoxy) ethyl-2-benzimidazole carbamate]		
Carbendazim	(0.30%)	CAS NO. 10605-21-7
Methyl 2-benzimidazole carbamate		
Imidacloprid Technical	(5.00%)	CAS NO. 138261-41-3

Chemical Class: Insecticide /Fungicide
EPA Signal Word: Caution

II. HAZARDOUS INGREDIENTS

<u>Material</u>	<u>OSHA</u> <u>PEL</u>	<u>ACGIH</u> <u>TLV</u>	<u>% Ingredients</u>
Active: Debacarb	N/A	N/A	1.70%
Carbendazim	N/A	N/A	0.30%
Imidacloprid	N/A	N/A	5.00%
Inert Ingredients: (non-hazardous) Trade Secret	N/A	N/A	93.0%

Product Name:

IMISOL™

Page 2 of 4

III. FIRST AID PROCEDURES

No specific antidote is available. Treat patient symptomatically.

Ingestion: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger or, if available, by administering syrup of ipecac. If person is unconscious, do not give anything by mouth and do not induce vomiting.

Eye Contact: Flush eyes with plenty of water. Call a physician if irritation persists.

Skin Contact: Wash with plenty of soap and water. Get medical attention if irritation persists.

Inhalation: Remove victim to fresh air. Give artificial respiration if no breathing. Get medical attention.

IV. HEALTH HAZARD INFORMATION

Symptoms of Exposure: Skin and eye contact are the most likely routes of exposure. Causes eye irritation. Slightly irritating to skin.

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^o, 178^o C
Specific Gravity: Density = 1.14 g/ml
Vapor Pressure: 0.2 mm Hg @ 20^o C, 68^o F
Vapor Density: 2.7 (air = 1)
pH: 3.0
Melting Point: N/A
Evaporation Rate: Slow (<.01)
Solubility in Water: Limited
Appearance: Capsule filled with amber liquid
Odor: Woody fragrance

Fire and Explosion

Flash Point: 188^o F, 87^o C Tag closed cup
Flammability Limits: UEL: 9.7%
LEL: 1.5%

Reactivity

Stability: Stable under normal storage conditions.

Hazardous Decomposition: Combustion produces carbon monoxide, carbon dioxide and sulfur oxides.
Hazardous Polymerization: Will Not Occur.
Conditions to Avoid: Heat, sparks and open flame.
Incompatibility: Avoid oxidizers.

VI. ENVIRONMENTAL PROTECTION

Waste Disposal Method: Observe all federal, state and local laws concerning health and environment.

In case of Fire: Use water spray, dry chemical, alcohol foam, or carbon dioxide extinguishing media. For special fire fighting procedures: use self-contained breathing apparatus and full protective clothing. Use water spray to cool nearby containers and structures exposed to fire. If water is used as an extinguishing media, the contaminated area must be diked to keep the contaminated water out of all water supplies. Observe all government regulations on spill reporting, and handling and disposal of waste.

Unusual Fire and Explosion Hazards: None

VII. PERSONAL PROTECTION AND PRECAUTIONS

Respiratory: Not normally needed.

Eye: Wear protective eyewear.

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 the 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.

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: 12/18/97

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.