

JUN 20 1994

**PLANT MARVEL LABORATORIES, INC.
CHICAGO HEIGHTS, ILLINOIS**

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: I-BOMB II INSECTICIDE

SECTION I

Product Identification:

Product Code: 27704

Manufacturer Code: HY01000

MSDS: 0000610

D.O.T Description: CONSUMER COMMODITY, ORM-D

TELEPHONE NUMBERS: Product Information: 708-757-7500
Transportation Emergency: 800-535-5053
Medical Emergency: 800-752-7869

Issue Date: 05/19/92

Revision Date: 04/28-89

SECTION II HAZARDOUS INGREDIENTS

Does product contain hazardous ingredients? YES

Chemical/Common Name	CAS-Number	%	PEL-OSHA	TLV-ACGIH
BUTANE	106-97-8	10-20	800 PPM	800 PPM
PROPANE	74-98-6	5-10	1000 PPM	N/A

Does product contain carcinogens? (NTP IARC OSHA) NO

SECTION III - HEALTH HAZARD DATA

Health Effects (Acute and Chronic)

MAY BE HARMFUL IF SWALLOWED. ACUTE ORAL LD50-RATS-64,000 MG/KG; ACUTE DERMAL LD50-RABBITS-32,000 MG/KG; ACUTE PRIMARY SKIN IRRITATION - RABBITS - NOT A PRIMARY IRRITANT. EYE IRRITATION - NOT AN IRRITANT
PRIMARY ROUTES OF ENTRY - N/A

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Unknown

EMERGENCY FIRST AID PROCEDURES, QUICKLY FOLLOW DIRECTIONS BELOW:

EYES - Flush eyes immediately with water. Remove any contact lenses, then hold eyelids open and flush eyes thoroughly with water. If irritation persists, get medical attention.

SECTION IV CHEMICAL DATA

Boiling Point (F) 212 Specific Gravity (Water=1) 1.00
Vapor Pressure (MMHG). .18
Vapor Density (air=1) . . <1 Evap Rate (B. ACETATE =1) . . . <1
Solubility in Water . . . DISPERSIBLE
Appearance and Odor information: Opaque, light yellow liquid having a mild odor.

SECTION V - PHYSICAL HAZARD DATA

Flash Point - NONE (TCC) Flammable Limits-LEL= N/A UEL= N/A

EXTINGUISHING MEDIA: Water

SPECIAL FIRE FIGHTING PROCEDURES: Keep containers cool. Use shielding to protect personnel against bursting, rupturing or venting containers.

UNUSUAL FIRE AND EXPLOSION HAZARDS: At elevated temperatures (over 120 F) containers may vent, rupture or burst.

SECTION VI - REACTIVITY DATA

INCOMPATIBILITY (Materials to Avoid) : None

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon may be formed upon combustion.

WILL HAZARDOUS POLYMERIZATION OCCUR? No

CONDITIONS TO AVOID / POLYMERIZATION: None

IS THE PRODUCT STABLE? Yes

CONDITIONS TO AVOID / STABILITY: Avoid heating to abnormal temperatures.

SECTION VII - SPILL AND LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Remove sources of flame, spark or heat. Provide adequate ventilation. Wipe up spills, then rinse with water.

WASTE DISPOSAL METHOD: Re-fasten protective cap on container, then securely wrap in several layers of newspaper and discard in trash. DO NOT PUNCTURE OR INCINERATE.

SECTION VIII - EXPOSURE CONTROL INFORMATION

Ventilation

Local Exhaust: None required.

Mechanical (GEN) Adequate Ventilation

Special . . . N/A

Other N/A

Respiratory Protection: None required.

Protective Gloves: None required.

Other Protective Equipment: Safety Glasses

Other Engineering Controls: N/A

Work Practices: Always follow safe work practices.

Hygienic Practices: N/A

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Caution. Keep Out of Reach of Children. Do Not Store near heat or open flame. Do not puncture or incinerate container. Exposure to temperatures above 130 F may cause bursting. Avoid Contact With Eyes or Skin. Avoid Breathing Spray Mist or Vapor.

MAINTENANCE PRECAUTIONS: N/A

OTHER PRECAUTIONS: Read entire label before using. Follow all label directions.

OTHER COMMENTS: Detectable amount as "Chemical known to the state of California to cause cancer, birth defects or other reproductive harm" may be found in various products and their vapors or result from their use. Read and follow label directions and other product safety and health information you have been provided with when handling or using our products.

HAZARDOUS MATERIAL IDENTIFICATION SYSTEM

	Rating
Health	1
Fire	1
Reactivity	1

Key: 0-Min 1-Slight 2-Mod 3-Serious 4-Severe

The information provided herein was believed to be accurate at the time of preparation or prepared from sources believed to be reliable, but it is the responsibility of the user to investigate and understand other pertinent sources of information, to comply with all laws and procedures applicable to the safe handling and use of product and to determine the suitability of the product for its intended use.