

MATERIAL SAFETY DATA SHEET

SECTION I. MANUFACTURER

HERCON ENVIRONMENTAL
PO BOX 435 ABERDEEN RD
EMIGSVILLE PA 17318

For information or in an emergency
call (717) 764-1192

SECTION II.

HAZARDOUS MATERIAL
IDENTIFICATION SYSTEM
HEALTH = 1
FLAMMABILITY = 0
REACTIVITY = 0

SECTION III. PRODUCT INFORMATION

PRODUCT NAME: Hercon Japanese Beetle Foodlure
CHEMICAL NAME of active ingredient: Phenethyl ester of propinil acid, 4-allyl-2-methoxyphenol,
and (E)-3,7-dimethyl-2.6-octadien-1-ol
SYNONYMS: PEP, Eugenol, and Geraniol
C.A.S. NUMBERS: 37262-61-6, 97-53-0, 106-24-1
FORMULA: $C_{11}H_{11}O_2$, $C_{10}H_{12}O_2$, $C_{10}H_{18}O$
PRODUCT FORM: Laminated polymeric dispensers

SECTION IV. PHYSICAL PROPERTIES

BULK DENSITY:	NA	SPECIFIC GRAVITY/25°C:	NA
MELTING POINT 300°F:	NA	BOILING POINT:	NA
FREEZING POINT:	NA	VISCOSITY:	NA
PERCENT VOLATILE by volume:	Not determined	pH:	NA
ODOR DESCRIPTION:	Moderate spicy	VAPOR DENSITY (AIR = 1):	NA
VAPOR PRESSURE (20°C mm HG):	Not determined	SOLUBILITY IN WATER:	Practically insoluble

SECTION V. PRODUCT HAZARD INFORMATION

PERCENT HAZARDOUS COMPONENTS IN PRODUCT: None
OCCUPATIONAL EXPOSURE LIMITS: Not established
HEALTH/TOXICITY INFORMATION: No significant toxicity expected.
EFFECTS OF OVEREXPOSURE: None reported.
EMERGENCY AND FIRST AID PROCEDURES:
EYES: Flush with water for at least 15 minutes.
SKIN: Wash with soap and water. If irritation develops, seek medical attention.
INHALATION: Remove from exposure. If breathing is labored, give oxygen.
INGESTION: If ingested, induce vomiting. Get medical attention.
NOTE TO PHYSICIAN: Treat symptomatically. No specific information found.

SECTION VI. FIRE HAZARD INFORMATION

FLASH POINT: NA
FLAMMABLE LIMITS IN AIR: NA
EXTINGUISHING MEDIA: Carbon dioxide, foam
SPECIAL FIRE FIGHTING PROCEDURES: If involved in fire, use air-supplied equipment. Do not inhale fumes.
UNUSUAL FIRE AND EXPLOSION HAZARDS: None

SECTION VII. REACTIVITY INFORMATION

PRODUCT STABILITY: Unstable _____ Stable X
HAZARDOUS POLYMERIZATION: May Occur _____ May Not Occur X
CONDITIONS TO AVOID: None specified
MATERIAL TO AVOID: Strong oxidizing agents
HAZARDOUS DECOMPOSITION PRODUCTS: On combustion, the polymeric dispenser may produce, CO, CO₂, HCL, and CL₂.

SECTION VIII. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Place unpouched strips in tightly sealed containers. Keep out of water sources and sewers.

WASTE DISPOSAL METHOD: Incinerate or otherwise manage at RCRA permitted waste management facility. Do not reuse empty containers. Check state and local authorities for other options.

SECTION IX. PERSONAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Usually none required

EYE PROTECTION: Usually none required

VENTILATION: Good general ventilation

PROTECTIVE GLOVES: None required but vinyl, latex, or rubber gloves recommended for continuous handling.

OTHER PROTECTIVE EQUIPMENT: None under normal usage.

NOTE: Personal protection information described above is based upon general information as to normal uses and conditions. Where special or unusual uses or conditions exist, it is suggested that the expert assistance of an industrial hygienist or other qualified professional be sought.

SECTION X. HANDLING AND STORAGE PRECAUTIONS

GENERAL PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Store in sealed pouches in a cool dry area away from excessive heat and open flame. To maintain product integrity, protect from high temperatures. Keep container sealed. Launder contaminated clothing before use. Wear protective equipment described above if exposure conditions warrant. Do not allow to contaminate water sources, food, or feed.

SPECIAL PRECAUTIONARY CONDITIONS: None

SECTION XI. TRANSPORTATION

DOT LABEL: None required; non-hazardous material.

SECTION XII. DISCLAIMER

It is the user's responsibility to determine the suitability of this information for the adoption of necessary safety precautions. We reserve the right to revise material safety data sheets periodically as new merchantability, fitness for a particular purpose of any other nature are made hereunder with respect to the information contained herein, or the chemical to which the information refers. Hercon Environmental assumes no responsibility for any damages, losses, injuries, or consequential damages which may result from the use or misuse of this product and the recipient assumes all such risks.

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By: Priscilla MacLean

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TITLE: Product Development Manager