



ECO-FRIENDLY INSECT PEST MANAGEMENT SYSTEMS
700 E REDLANDS BLVD, STE U PMB 189, REDLANDS, CA 92373-6109

MATERIAL SAFETY DATA SHEET

SECTION I. COMPANY IDENTIFICATION

Pest Wizard Inc., 700 E Redlands Blvd, STE U PMB 189, Redlands, CA 92373

SECTION II. HAZARDOUS MATERIAL IDENTIFICATION SYSTEM

HEALTH = 1
FLAMMABILITY = 0
REACTIVITY = 0

SECTION III. PRODUCT INFORMATION

PRODUCT NAME: Lure for Western Flower Thrips, *Frankliniella occidentalis*.
CHEMICAL NAMES of active ingredients: p-anisaldehyde, ethyl nicotinate, neryl-(S)-2-methylbutyrate
CHEMICAL FAMILY of active ingredients: Aldehyde and acids
SYNONYMS: Thrips Attractants
C.A.S. NUMBERS: 123-11-5, 614-18-6, and 999-40-6 (respectively)
FORMULAE: C8H8O2, C8H9NO2 and C14H24O2 (respectively)
PRODUCT FORM: attractant absorbed on paper disc and enclosed on permeable plastic pouch

SECTION IV. PHYSICAL PROPERTIES of A.I.

1. p-anisaldehyde	
BULK DENSITY: N/A	SPECIFIC GRAVITY@25°C: 1.123 g/cm3
MELTING POINT: -1 °C (30 °F)	BOILING POINT: 118 - 121 °C (244 - 250 °F) at 16 hPa (12 mmHg)
FREEZING PT: N/A	pH: N/A
PERCENT VOLATILE by volume: 100%	
APPEARANCE/ODOR DESCRIPTION: clear liquid	
VAPOR DENSITY (AIR = 1): 4.70	
VAPOR PRESSURE (25°C, mm HG): N/A	
SOLUBILITY IN WATER: Not soluble	
2. Ethyl nicotinate	
BULK DENSITY: N/A	SPECIFIC GRAVITY@25°C: 1.107 g/cm3
MELTING POINT: -1 °C (30 °F)	BOILING POINT: 118 - 121 °C (244 - 250 °F) at 16 hPa (12 mmHg)
FREEZING PT: N/A	pH: N/A
PERCENT VOLATILE by volume: 100%	



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PRODUCT STABILITY: UNSTABLE STABLE
HAZARDOUS POLYMERIZATION: May Occur May Not Occur
CONDITIONS TO AVOID: Sources of ignition
MATERIAL TO AVOID: Strong oxidizing agents.
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon dioxide, carbon monoxide.

SECTION VIII. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Soak up pheromone with standard adsorbent materials. Remove sources of ignition. 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: Normally not required.
EYE PROTECTION: Safety glasses.
VENTILATION: Well ventilated areas.
PROTECTIVE GLOVES: Hydrocarbon resistant gloves.
OTHER PROTECTIVE EQUIPMENT: Eye wash, safety shower.

NOTE: Personal protection information shown 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: Do not breath vapors. Store in sealed pouches in a cool, dry place, preferably under deep freeze. To maintain product integrity protect from high temperatures. Keep container closed. 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 DATA



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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 information becomes available. No representations or warranties, either express or implied, of 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. Alpha Scents 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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