

SAFETY DATA SHEET



1 Identification		
1.1	Product identifier	
(a)	Product Code:	041-RPWL7-001
	Product Name:	Red Palm Weevil (<i>Rhynchophorus ferrugineus</i>) 18 week Aggregation Pheromone Dispenser
(b)	Other means of identification:	
(c)	Recommended use:	Natural insect attractant
	Restrictions for use:	
	Active Ingredient:	4-methyl-5-nonanol, 4-methyl-5-nonanone
	CAS Number:	
	Other Ingredients:	
Relevant identified uses of the substance or mixture and uses advised against		
	Product use	Used for the attraction and containment of insect pests
Details of the supplier of the safety data sheet		
(d)	Company name:	J. F. Oakes Sales & Marketing, LLC
	Address:	Physical: 646 E Fifteenth Street Mailing: P. O. Box 115 Yazoo City, MS 39194 U.S.A.
	Telephone number:	662-746-7276
	Fax Number:	662-746-4568
	Email:	sales@jfoakes.com
	Web:	www.jfoakes.com
(e)	Emergency telephone number for US and Canada only:	CHEMTREC: 1-800-424-9300 Chemtrec Customer #: CCN806575
2 Hazards Identification		
(a)	Classification of the chemical in accordance with paragraph (d) of §1910.1200, OPP and GHS criteria:	The substance does not meet the criteria for classification.
	Acute Oral Toxicity	Not known.

	Acute Inhalation Toxicity	Not known.
	Skin Irritation	Not known.
	Primary Eye Irritation	Not known.
	Sensitization	Not known.
(b)	Signal word, hazard statement(s), symbol(s) and precautionary statement	None
(c) (d)	Other hazards Statement of the mixture HMIS® Rating Health: Flammability: Reactivity: Protection: Safety Phrases: UN Number: Classification of the substance or mixture	This product does not contain any PBT or vPvB substances. To avoid risk to man and the environment, comply with the instructions for use.
3	Composition/Information on ingredients	
(a)	Substances Active Ingredients and Chemical Name:	
(b)	Common names: Other Ingredient:	

(c)	Mixtures CAS Number:	
(d)	Impurities and stabilizing additives which are themselves classified and which contribute to the classification of the substance.	
4	First Aid Measures	
(a)	Description of first aid measures	Remove victim to fresh air and keep at rest. If symptoms of irritation and/or sensitization occur seek medical advice/attention.
(b)	Most important symptoms and effects, both acute and delayed	
(c)	Indication of any immediate medical attention and special treatment needed - Inhalation - Eyes - Skin - Ingestion	Remove to fresh air and keep at rest. Seek medical advice if symptoms persist. Rinse cautiously with water for several minutes. If irritation occurs, seek medical advice/attention. Wash with soap and water. If skin irritation occurs, see medical advice/attention. Rinse mouth. Do not induce vomiting.
5	Fire-Fighting Measures	
(a)	Suitable extinguishing media	Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Use fire-extinguishing media appropriate for surrounding materials.
(b)	Special hazards arising from the substance or mixture	None
(c)	Precautions for fire-fighters	In case of fire and/or explosion, do not breathe fumes.

6 Accidental Release Measures		
(a)	Personal precautions, protective equipment and emergency procedures	Wear full protective (EN 469). Self-contained breathing apparatus.
	Environmental precautions	Do not discharge into drains, watercourses or onto the ground.
(b)	Methods and material for containment and cleaning up	Do not contaminate water with product waste. Dispose of waste material in accordance with local or national regulations.
7 Handling and Storage		
(a)	Precautions for safe handling	The substance should be handled under conditions of good industrial hygiene and in conformity with any local regulations in order to avoid unnecessary exposure. The product is formulated using materials that is known to be non-toxic to humans, animals or plants. Appropriate protective equipment should be worn (vinyl, latex, polyethylene or other type of gloves) to reduce exposure.
(b)	Conditions for safe storage, including any incompatibilities	
		Store in a cool, dry, well-ventilated area. Protect from sunlight. Ideally.
8 Exposure Controls/Personal Protection		
(a)	OSHA permissible exposure limit (PEL), American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Value (TLV), and any other exposure limit used or recommended by the chemical manufacturer, importer, or employer preparing the safety data sheet, where available.	
(b)	Appropriate engineering controls.	N/A
(c)	Individual protection measures, such as	Wear protective clothing as described in Section 7a.

	personal protective equipment.	Provide adequate ventilation.
9	Physical and Chemical Properties	
	Information on physical and chemical properties	
	Appearance:	Plastic blister pack
(a)	Odour:	Distinctive
(b)	Odour threshold:	Not available
(c)	pH:	Not available
(d)	Melting point/freezing point:	Not available
(e)	Initial boiling point and boiling range:	Not available
(f)	Flash point:	Not available
(g)	Evaporation rate:	Not available
(h)	Flammability (solid, gas):	Not available
(i)	Upper/lower flammability or explosive	Flammable at temperatures over 100°C.
(j)	limits:	
(k)	Vapour pressure:	Not available
(l)	Vapour density:	Not available
(m)	Relative density:	Not available
(n)	Solubility(ies):	Not available
(o)	Partition coefficient; n-octanol/water:	Not relevant
(p)	Auto-ignition temperature:	Not available
(q)	Decomposition temperature:	Not available
(r)	Viscosity:	Not available
	Explosive properties:	Not available
	Oxidising properties:	Not available
	Other information	
10	Stability and Reactivity	

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(a)	Reactivity	Not reactive
(b)	Chemical stability	Stable under normal temperature conditions and recommended use.
(c)		
(d)	Possibility of hazardous reactions	Not anticipated.
(e)	Conditions to avoid	Avoid exposure to high temperatures or direct sunlight. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking.
(f)		
	Incompatible materials	Excessive temperature variations.
	Hazardous decomposition products	None anticipated.

11	Toxicology Information
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(a)	SKIN CONTACT:	N/A
	SKIN ABSORPTION:	N/A
	EYE CONTACT:	N/A
	INHALATION:	N/A
	INGESTION:	N/A
(b)	Symptoms related to the physical, chemical and toxicological characteristics.	N/A
(c)	Delayed and immediate effects and also chronic effects from short- and long-term exposure.	N/A
(d)	Numerical measures of toxicity (such as acute toxicity estimates).	N/A
(e)	Whether the hazardous chemical is listed in the National Toxicology Program (NTP) Report on Carcinogens (latest edition) or has been found to be a potential carcinogen in the International Agency for Research on Cancer (IARC) Monographs (latest edition), or by OSHA.	N/A

12	Ecological Information
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(a) (b) (c) (d) (e)	Eco-toxicity Persistence and degradability Bio-accumulative potential Mobility in soil Other adverse effects	The product is not anticipated to pose any environmental hazard. Specific toxicity studies done on birds, aquatic organisms, earthworms, bees and non-target arthropods showed lack of adverse effects. It is not likely that these compounds contaminate the soil or groundwater. Not anticipated to bioaccumulate. There may be indirect movement in soil because of water movement or transfer by insects. Not available
13	Disposal Considerations	
	Waste treatment methods	Waste is suitable for incineration. Contact specialist disposal companies. Do NOT reuse empty containers. Empty containers can be sent for disposal or recycling.
14	Transport Information	
(a) (b) (c) (d) (e) (f) (g)	UN number UN proper shipping name Transport hazard class(es) Packing group Environmental hazards Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code Special precautions which a user needs to be aware of, or needs to comply with, in connection with transport or conveyance either within or outside their premises.	None None Not applicable Not applicable None Not applicable N/A
15	Regulatory Information	
	Safety, health and environmental regulations/legislation specific for the substance or mixture Chemical safety assessment Signal word	The product is not deemed 'hazardous' according to CLP: Regulation (EC) No 1272/2008 and the requirements of Council Directive 2000/54/EEC. It is used as beneficial insect attract therefore, it does not require registration. No chemical safety assessment has been carried out. N/A
16	Other Information	
	Disclaimer of warranties and limitation of liability	
	The information in this SDS is furnished without warranty, expressed or implied regarding its correctness. It was compiled from sources which we believe are reliable to the best of our knowledge. J. F. Oakes Sales & Marketing, LLC makes no warranty or representation to the suitability of the product	

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Product#: 041-RPWL7-001

	<p>for a particular purpose which may be used for and cannot be held liable for any damage or loss which may be consequence of the use of the product or the reliance of the information provided in the document incidentally or consequentially. It is the condition of supply that the suitability of the product for a particular application and the relevance of the information provided to the conditions of the application will be solely determined by the user.</p>
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