

# SAFETY DATA SHEET

Reviewed: 05.01.2020

Product#: 041-NLD-C4ES



1 Identification	
1.1 Product identifier	
(a)	<p>Product code 041-NLD-COMBO-04; 041-NLD-C4E; 041-NLD-C4ES; 041-NLD-C4</p> <p>Product name Diamond Trap containing pheromones for monitoring <i>Plodia</i>, <i>Epehestia</i>, <i>Lasioderma</i>, <i>Trogoderma</i></p>
(b)	Other means of identification N/A
(c)	<p>Recommended use Use for the attraction and containment of insect pests</p> <p>Restrictions for use N/A</p> <p>Active ingredient Nature identical pheromones for the insects <i>Plodia</i>, <i>Epehestia</i>, <i>Trogoderma</i> and <i>Lasioderma spp.</i> (Z,E-9,12-14AC), (R)-(Z)-14-Methyl-8-hexadecenal, (R)-(E)-14-Methyl-8-hexadecenal and 7-Hydroxy-4,6-dimethylnonan-3-one.</p> <p>CAS number 72598-35-7 , 60609-53-2 and 30507-70-1</p> <p>Other ingredients Craft board constructed into trap, coated with chemically inert and non-drying adhesive (polyolefin based).</p>
<b>Relevant identified uses of the substance or mixture and uses advised against</b>	
	Product use Used for the attraction and containment of insect pests
<b>Details of the supplier of the safety data sheet</b>	
(d)	<p><b>Manufacturer:</b> Russell IPM Ltd 45 First Avenue, Deeside Industrial Park, Deeside, Flintshire, CH5 2NU, United Kingdom Tel #: (+44) 1244 281 333 Fax #: (+44) 1244 281 878 Email: info@russellipm.com Web: www.russellipm.com</p> <p><b>U.S.A. Master Supplier:</b> J. F. Oakes Sales &amp; Marketing, LLC Physical: 646 E Fifteenth Street Mailing: P.O. Box 115 Yazoo City, MS 39194 U.S.A. Tel #: 662 746 7276 Fax #: 662 746 4568 Email: sales@jfoakes.com Web: <a href="http://www.jfoakes.com">www.jfoakes.com</a></p>
(e)	Emergency phone number For US and Canada only: CHEMTREC: 1-800-424-9300
2 Hazards Identification	
(a)	<p>Classification of the chemical in accordance with paragraph (d) of §1910.1200, OPP and GHS criteria</p> <p>Acute oral toxicity No data available</p>

# SAFETY DATA SHEET



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Product#: 041-NLD-C4ES

	Acute inhalation toxicity Skin irritation	No data available No data available
	Primary eye irritation	No data available
	Sensitization	No data available
	Signal word, hazard statement(s), symbol(s) and precautionary statement	No data available
(b)	Other hazards Statement of the mixture	No data available
	HMIS® Rating	
(c)	Health: Flammability: Reactivity: Protection: Safety Phrases:	1 1 - Flammable at temperatures over 100°C 0 B There were no toxicological studies in the published literature to assign risk and safety phrases.
	UN Number:	Not applicable, therefore not allocated.
(d)	Classification of the substance or mixture	Trap
<b>3</b>	<b>Composition/Information on ingredients</b>	
	<b>Substances</b>	
(a)	Active ingredients and Chemical Name:	(Z,E-9,12-14AC); (R)-(Z)-14-Methyl-8-hexadecenal;(R)-(E)-14-Methyl-8-hexadecenal and 7-Hydroxy-4,6-dimethylnonan-3-one.
(b)	Common names:	N/A
	Other ingredient:	Craft board constructed into trap, coated with chemically inert and non-drying adhesive (polyolefin based)
	<b>Mixtures</b>	N/A
(c)	CAS Number:	72598-35-7; 60609-53-2 ; 30507-70-1
(d)	Classified impurities or stabilising additives:	N/A
<b>4</b>	<b>First Aid Measures</b>	

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(a)	Description of first aid measures	See Section 4.3 – no special measures
(b)	Most important symptoms and effects, both acute and delayed	None.
(c)	Indication of any immediate medical attention and special treatment needed	See below.
	- Inhalation	Remove affected individual to fresh air. Seek medical advice if symptoms persist.
	- Eyes	Flush with plenty of water. Seek medical advice if symptoms persist.
	- Skin	Flush with plenty of water. Seek medical advice if symptoms persist.
	- Ingestion	Wash mouth out with plenty of water. Induce vomiting if swallowed. Seek medical advice.
<b>5</b>	<b>Fire-Fighting Measures</b>	
(a)	Suitable extinguishing media	Water, carbon dioxide, dry powder or appropriate foam.
(b)	Special hazards arising from the substance or mixture	Formulation combustible. Emits toxic fumes when burning/under fire; CO, CO <sub>2</sub> .
(c)	Precautions for fire-fighters	No special procedures.
<b>6</b>	<b>Accidental Release Measures</b>	
(a)	Personal precautions, protective equipment and emergency procedures	No protective apparatus necessary for clean-up.
	Environmental precautions	The material and ingredients should be prevented from contaminating soil or from entering sewage and drainage systems.
(b)	Methods and material for containment and cleaning up	Sweep up material and dispose of in approved manner.
<b>7</b>	<b>Handling and Storage</b>	
(a)	Precautions for safe handling	<ul style="list-style-type: none"> <li>- Do not breathe in vapours.</li> <li>- Avoid contact with skin and eyes.</li> <li>- Wash thoroughly after handling.</li> </ul>
(b)	Conditions for safe storage, including any incompatibilities	<ul style="list-style-type: none"> <li>- Store in cool, dry and well ventilated place.</li> <li>- Keep away from heat, sparks and open flames.</li> <li>- Refrigeration is recommended for long term storage.</li> </ul>
<b>8</b>	<b>Exposure Controls/Personal Protection</b>	

# SAFETY DATA SHEET



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Product#: 041-NLD-C4ES

(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.	No data available
(b)	Appropriate engineering controls.	Standard personal and industrial hygiene practices.
(c)	Individual protection measures, such as personal protective equipment.	No special protective equipment is required under normal conditions.
<b>9</b>	<b>Physical and Chemical Properties</b>	
	<b>Information on physical and chemical properties</b>	
	Appearance:	Craft board constructed into trap, coated with chemically inert and non-drying adhesive (polyolefin based) containing insect pheromones
(a)	Odour:	Distinctive
(b)	Odour threshold:	Not applicable
(c)	pH:	Not applicable
(d)	Melting point/freezing point:	Not applicable
(e)	Initial boiling point and boiling range:	Not applicable
(f)	Flash point:	Not applicable
(g)	Evaporation rate:	Not applicable
(h)	Flammability (solid, gas):	Flammable at temperatures over 100°C
(i)	Upper/lower flammability or explosive	Not applicable
(j)	limits:	Not applicable
(k)	Vapour pressure:	Not applicable
(l)	Vapour density:	Not applicable
(m)	Relative density:	Not soluble
(n)	Solubility(ies):	Not applicable
(o)	Partition coefficient; n-octanol/water:	Not applicable
(p)	Auto-ignition temperature:	Not applicable
(q)	Decomposition temperature:	Not applicable
(r)	Viscosity:	Not applicable
	Explosive properties:	Not applicable
	Oxidising properties:	Not applicable
	Other information	None
<b>10</b>	<b>Stability and Reactivity</b>	

# SAFETY DATA SHEET

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Product#: 041-NLD-C4ES



(a)	Reactivity	Presents no special reactivity hazard.
(b)	Chemical stability	Stable under normal conditions.
(c)	Possibility of hazardous reactions	None.
(d)	Conditions to avoid	Excessive heat, open flames.
(e)	Incompatible materials	Acids, bases and oxidising material.
(f)	Hazardous decomposition products	No data.
<b>11</b>	<b>Toxicology Information</b>	
(a)	Skin contact: Skin absorption: Eye contact: Inhalation: Ingestion:	No data available No data available No data available No data available No data available
(b)	Symptoms related to the physical, chemical and toxicological characteristics.	No data available
(c)	Delayed and immediate effects and also chronic effects from short- and long-term exposure.	No data available
(d)	Numerical measures of toxicity (such as acute toxicity estimates).	No data available
(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.	No data available
<b>12</b>	<b>Ecological Information</b>	
(a)	Eco-toxicity	Prevent contamination of soil, ground and surface water.
(b)	Persistence and degradability	Not Applicable.
(c)	Bio-accumulative potential	Not Applicable.
(d)	Mobility in soil	Not Applicable.
(e)	Results of PBT and vPvB assessment Other adverse effects	Not Applicable. No further relevant information available.
<b>13</b>	<b>Disposal Considerations</b>	
	Waste treatment methods	Destroy by incineration or dispose of in sanitary landfill in accordance with official regulations.
<b>14</b>	<b>Transport Information</b>	

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(a)	UN number	Not regulated
(b)	UN proper shipping name	Not regulated
(c)	Transport hazard class(es)	Not regulated
(d)	Packing group	Not regulated
(e)	Environmental hazards	None
(f)	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.	Not regulated
<b>15</b>	<b>Regulatory Information</b>	
	Safety, health and environmental regulations/legislation specific for the substance or mixture	European information: No published toxicological data, therefore no assigned risk and safety phrases. USA information: EPA Exempted from label requirements; CFR 40 152.25(b) if used for monitoring purposes in traps.
	Chemical safety assessment	None of the components is listed in the OSHA, IARC or NTP Carcinogens lists.
	TSCA Inventory Status	Listed (Active) or Exempt
	Signal word	Not applicable
<b>16</b>	<b>Other Information</b>	
	<p align="center"><b>Disclaimer of warranties and limitation of liability</b></p> <p>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 &amp; Marketing, LLC makes no warranty or representation to the suitability of the product 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>	