

1 Identification of Substance and Company Details

.a **Product identifier...**

Product Code: CAT-TG10-CB/EE; 041-TG10-CB/EE-1
 Product Name: Tobaguard Lasioderma serricorne/Ephestia elutella

.b **Other means of identification...**

Active Ingredient: 4,6-Dimethyl-7-hydroxy-nonan-3-one and Z,E-9,12-14AC
 CAS Number: 72522-40-8;30507-70-1
 Other Ingredients: Craft board constructed in the form of a trap coated with hot melt pressure sensitive adhesive based on resins and synthetic rubber compounds. 10ml tube containing gel matrix and pheromone.

.c **Recommended use & restrictions on use...**

Product use: Insect attraction and containment for the purposes of monitoring target species.

.d **Details of the supplier of the safety data sheet...**

<i>Manufacturer:</i>	<i>U.S.A. Master Supplier:</i>
Russell IPM Ltd	J.F.Oakes Sales & Marketing, LLC
45 First Avenue	Physical: 646 E Fifteenth Street
Deeside Industrial Park	Mailing: P.O. Box 115
Deeside, Flintshire, CH5 2NU	Yazoo City, MS 39194
United Kingdom	U.S.A.
Tel #: (+44) 1244 281 333	Tel #: 662 746 7276
Fax #: (+44) 1244 281 878	Fax #: 662 746 4568
Email: info@russellipm.com	Email: sales@jfoakes.com
Web: www.russellipm.com	Web: www.jfoakes.com

.e Emergency telephone number for USA and Canada only: CHEMTREC: 1-800-424-9300

2 Hazards Identification

.a Classification of substance/ mixture: Pheromone dispenser and trap

.b Label elements: None

.c Other hazards: None

HMIS® Rating:

Health: 1

Flammability: 1 - Flammable at temperatures over 100°C

Reactivity: 0

Protection: B

Safety Phrases: There were no toxicological studies in the published literature to assign risk and safety phrases

UN Number: None allocated

3 Composition and Formulation

3.1 Substances

.a	Chemical Name:	4,6-Dimethyl-7-hydroxy-nonan-3-one and Z,E-9,12-14AC
.b	Common Name:	Nature identical pheromone for cigarette beetles and tobacco moth
.c	CAS Number:	72522-40-8;30507-70-1
.d	Other Ingredients:	Craft board constructed in the form of a trap coated with hot melt pressure sensitive adhesive based on resins and synthetic rubber compounds. 10ml tube containing gel matrix and pheromone.

3.2 Mixtures

.a	Chemical Name & Concentration:	Not applicable
.b	Concentration/Ranges:	Not applicable

4 First Aid Measures

.a	Description of first aid measures:	See 4.3 no special procedures.
.b	Most important symptoms/effects, acute & delayed:	None
.c	Indication of any immediate medical attention & special treatment needed:	See below
	Inhalation:	Remove 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 with plenty of water. Induce vomiting if swallowed. Seek medical advice.

5 Fire fighting Procedures

.a	Extinguishing media:	Water, Dry powder, CO2 or foam
.b	Special hazards arising from the substance or mixture:	None
.c	Advice for fire-fighters:	No special procedures required

6 Accidental Release Measures

.a	Personal precautions, protective equipment/emergency procedures:	No protective apparatus necessary for clean-up
	Environmental precautions:	The material should be prevented from contaminating soil or from entering sewage and drainage systems
.b	Methods & material for containment & cleanup:	Dispose of in an approved manner
.c	Reference to other sections:	Not applicable

7 Handling and Storage

.a	Precautions for safe handling:	Do not breath vapors Avoid contact with skin and eyes Wash thoroughly after handling
.b	Conditions for safe storage, include incompatibilities:	Store in cool, dry, well ventilated place Keep away from heat, sparks, and open flames Refrigeration of pheromone dispensers is recommended for longer storage

8 Exposure Controls/ Personal Protection

.a	Exposure limits:	Not available
.b	Engineering controls:	Ventilation -Mechanical (general); Respiratory -usually not required
.c	Individual protection:	
	Skin:	Gloves
	Eyes:	Splash-proof safety glasses
	Other protective equipment:	Safety shower, eye wash

9 Physical and Chemical Properties

.a	Appearance:	Paper trap with creases for folding covered with a sticky glue and silicone release paper and a tube of gel.
.b	Odor:	Distinctive
.c	Odor threshold:	Not available
.d	pH:	Not available
.e	Melting point/freezing point:	Not available
.f	Initial boiling point and boiling range:	Not available
.g	Flash point:	Not available
.h	Evaporation rate:	Not available
.i	Flammability (solid, gas):	Not available
.j	Upper/lower flammability/Explosive limits:	Not available
.k	Vapor pressure:	Not available
.l	Vapor density:	Not available
.m	Relative density:	Not available
.n	Solubility(ies):	Not soluble
.o	Partition coefficient: n-octanol/water:	Not available
.p	Auto-ignition temperature:	Not available
.q	Decomposition temperature:	Not available
.r	Viscosity:	Not available

10 Stability and Reactivity

.a	Reactivity:	Presents no reactivity hazard
.b	Chemical stability:	Stable under normal conditions
.c	Possibility of hazardous reactions:	Presents no reactivity hazard
.d	Conditions to avoid:	Excessive heat, open flames
.e	Incompatible materials:	Acids, bases and oxidising material
.f	Hazardous decomposition products:	No data

11 Toxicology Information

.a	Likely routes of exposure:	
	Skin contact:	No data
	Skin absorption:	No data
	Eye contact:	No data
	Inhalation:	No data
	Ingestion:	No data
.b	Signs & Symptoms of exposure:	No data
.c	Effects (Delayed/Immediate/Chronic):	No data
.d	TOXICITY DATA:	No data
.e	Listed as Carcinogen BY NTP, IARC, OR OSHA?	No

12 Ecological Information

.a	Ecotoxicity:	No data
.b	Persistence and degradability:	Not available
.c	Bio-accumulative potential:	Not available
.d	Mobility in soil:	Not available
.e	Other adverse effects:	Prevent contamination of soil, ground and surface water.
	Results of PBT and vPvB assessment:	

13 Disposal Considerations

Waste treatment methods:	By incineration or sanitary landfill in accordance with local, state and federal regulations.
--------------------------	-----------------------------------------------------------------------------------------------

14 Transport Considerations

.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:	Not regulated
.g	Special precautions for user:	Not regulated

15 Regulatory Information

Safety, health & environmental regulations for the substance/mixture:

No published toxicological data available to be assigned risk and safety factors.
 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 are listed in the OSHA, IARC, NTP Carcinogens lists.

16 Other

Date Prepared/Revised: Wednesday, September 17, 2014

Disclaimer of warranties and limitation of liability

The information in this MSDS is furnished without warranty, expresses 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 for a particular purpose which may be used for and it 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.