

## 1 Identification of Substance and Company Details

### .a **Product identifier...**

Product Code: Item No: 041-RS-RW-10/041-RS-RW-25/041-RS-RW-100/041-SS10D-RW/041-SS10P-RW)  
 Product Name: Sitophilus oryzae (Rice Weevil) Monitoring Lure

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

Active Ingredient: This product consists of one attractant: 5-Hydroxy-4methyl-3-heptanone impregnated in rubber septa.  
 CAS Number: 115014-45-4  
 Other Ingredients: No applicable information is available

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

Product use: The rubber septa devices are sealed in separate impermeable pouches for shipping and storage. The product is intended for use as monitoring lure of stored grain beetle Sitophilus oryzae.

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

Manufacturer: *U.S.A. Master Supplier:*  
 J.F.Oakes Sales & 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: www.jfoakes.com

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

## 2 Hazards Identification

.a Classification of substance/ mixture: No applicable information is available

.b Label elements: No applicable information is available

.c Other hazards: Slight hazard irritating to eyes, respiratory system and skin.

HMIS® Rating:

Health: 1

Flammability: 1

Reactivity: 0

Protection: No applicable information is available

Safety Phrases: No applicable information is available

UN Number: No applicable information is available

### 3 Composition and Formulation

#### 3.1 Substances

.a	Chemical Name:	5-Hydroxy-4methyl-3-heptanone Formula: C <sub>8</sub> H <sub>16</sub> O <sub>2</sub>
.b	Common Name:	Sitophilus oryzae (Rice Weevil) Monitoring Lure
.c	CAS Number:	115014-45-4
.d	Other Ingredients:	No applicable information is available

#### 3.2 Mixtures

.a	Chemical Name & Concentration:	No applicable information is available
.b	Concentration/Ranges:	No applicable information is available

### 4 First Aid Measures

.a	Description of first aid measures:	No applicable information is available
.b	Most important symptoms/effects, acute & delayed:	No applicable information is available
.c	Indication of any immediate medical attention & special treatment needed:	No applicable information is available
	Inhalation:	Product with very low release difficult to inhale.
	Eyes:	Active ingredients may be irritating to eyes. In case of contact of devices with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.
	Skin:	Product may cause irritation from prolonged (days of continuous) direct exposure to devices as would occur if devices were carried in clothing. In case of direct, prolonged skin contact, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. Call a physician.
	Ingestion:	Harmful liquid impregnated rubber septa very difficult to swallow. If device is swallowed, wash out mouth with water provided person is conscious. Call a physician immediately.

### 5 Fire fighting Procedures

.a	Extinguishing media:	Water spray. Carbon dioxide, dry chemical powder or appropriate foam.
.b	Special hazards arising from the substance or mixture:	The material of this product is combustible and produces toxic compounds when burned. Combustible liquid. Emits toxic fumes under fire conditions.
.c	Advice for fire-fighters:	In formulation: Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

### 6 Accidental Release Measures

.a	Personal precautions, protective equipment/emergency procedures:	No protective apparatus necessary for clean-up.
	Environmental precautions:	Pick up septa devices and dispose of in approved manner.
.b	Methods & material for containment & cleanup:	Pick up material and dispose of in approved manner.

### 7 Handling and Storage

.a	Precautions for safe handling:	Keep the dispenser lures inside the package until use. Do not store with material emitting vapor or strong odors. Display the lure inside the trap, no either puncture; tear or cut open the lure is necessary for proper effect.
.b	Conditions for safe storage, include incompatibilities:	Suitable: Keep away from heat, sparks, and open flame, store below 4°C.

## 8 Exposure Controls/ Personal Protection

.a	Exposure limits:	No applicable information is available
.b	Engineering controls:	Hand: Compatible chemical resistant gloves recommended for prolonged handling. Eye: No precautions necessary if devices are handled in prescribed manner. General Hygiene Measures: Wash contaminated clothing before reuse. Wash thoroughly after handling.
.c	Individual protection:	No respiratory equipment required.

## 9 Physical and Chemical Properties

.a	Appearance:	Colorless liquid
.b	Odor:	No applicable information is available
.c	Odor threshold:	No applicable information is available
.d	pH:	No applicable information is available
.e	Melting point/freezing point:	No applicable information is available
.f	Initial boiling point and boiling range:	No applicable information is available
.g	Flash point:	No applicable information is available
.h	Evaporation rate:	No applicable information is available
.i	Flammability (solid, gas):	No applicable information is available
.j	Upper/lower flammability/Explosive limits:	No applicable information is available
.k	Vapor pressure:	No applicable information is available
.l	Vapor density:	(Air = 1) >1
.m	Relative density:	@ 25°C (water = 1): 0.876:0.8800
.n	Solubility(ies):	Insoluble in water, soluble in alcohol
.o	Partition coefficient: n-octanol/water:	No applicable information is available
.p	Auto-ignition temperature:	No applicable information is available
.q	Decomposition temperature:	No applicable information is available
.r	Viscosity:	No applicable information is available

## 10 Stability and Reactivity

.a	Reactivity:	No applicable information is available
.b	Chemical stability:	Stable. Materials to avoid: Strong oxidizing agents.
.c	Possibility of hazardous reactions:	No applicable information is available
.d	Conditions to avoid:	No applicable information is available
.e	Incompatible materials:	No applicable information is available
.f	Hazardous decomposition products:	Carbon dioxide and Carbon monoxide.

## 11 Toxicology Information

.a	Likely routes of exposure:	No applicable information is available
	Skin contact:	The chemical component of this lure may cause skin irritation upon prolonged contact.
	Skin absorption:	Product may be absorbed through the skin upon prolonged contact.
	Eye contact:	Product may cause eye irritation if directly rubbed in eye.
	Inhalation:	This product has very low release of chemical difficult to inhale.
	Ingestion:	Product could cause choking if swallowed.
.b	Signs & Symptoms of exposure:	To the best of our knowledge, the chemical, physical and toxicological properties of active ingredient have not been thoroughly investigated.
.c	Effects (Delayed/Immediate/Chronic):	No applicable information is available
.d	TOXICITY DATA:	Acute toxicity in rats: LD <sub>50</sub> not established. Inhalation toxicity in rats: LC <sub>50</sub> not established.
.e	Listed as Carcinogen BY NTP, IARC, OR OSHA?	No applicable information is available

## 12 Ecological Information

.a	Ecotoxicity:	No data available
.b	Persistence and degradability:	No data available
.c	Bio-accumulative potential:	No data available
.d	Mobility in soil:	No data available
.e	Other adverse effects:	No data available
	Results of PBT and vPvB assessment:	No data available

## 13 Disposal Considerations

Waste treatment methods:	Incineration or sanitary landfill in accordance with local, state and federal regulations.
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## 14 Transport Considerations

.a	UN Number:	No applicable information is available
.b	UN proper shipping name:	No applicable information is available
.c	Transport hazard class(es):	No applicable information is available
.d	Packing group:	No applicable information is available
.e	Environmental hazards:	No applicable information is available
.f	Transport in bulk:	No applicable information is available
.g	Special precautions for user:	Free for all transportation systems

## 15 Regulatory Information

Safety, health & environmental regulations for the substance/mixture:	<p>European information: Based on toxicological studies in the published literature, there are no risk and safety phrases to assign for this product.</p> <p>United States Regulatory Information: SARA Listed: No. (active ingredients). TSCA Inventory Item: Yes (active ingredients).</p> <p>Canada Regulatory Information: WHMIS Classification: This product has been classified in accordance with the hazard criteria of the CPR, and the SDS contains information required by the CPR.</p>
Chemical safety assessment:	None of the components is listed in the OSHA, IARC, NTP Carcinogens lists.

**16 Other**

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