

<b>Section 1</b>			
<b>Substance and Company Information</b>			
Name: z-7-eicosen-11-one		Chemical description: Technical pheromone	
Manufacturer's Name: ISCA Technologies, Inc.		Address: 1230 Spring Street, Riverside, CA 92507	
Information Calls: (951) 686-5008	Date Prepared: 04/27/12	Prepared by: DZ	Notice: Judgment based on indirect test data.
<b>Section 2</b>			
<b>Physical/Chemical Characteristics</b>			
Molecular formula: C <sub>20</sub> H <sub>38</sub> O		Molecular weight (g): 294.52	
Molecular Name: z-7-eicosen-11-one		CAS #: 63408-44-6	
Boiling Point: 388.4±11.0 °C Press: 760 Torr		Specific Gravity (H <sub>2</sub> O=1): 0.842±0.06 g/cm <sup>3</sup> Temp: 20 °C	
Flash point: 146.7±6.1 °C			
Solubility in Water: Insoluble		Water Reactive: NO	Appearance and Odor: pale yellow oil, waxy, fatty.
<b>Section 3</b>			
<b>Fire and Explosion Hazard Data</b>			
Auto Ignition Temperature: NA		Extinguisher Media: CO <sub>2</sub> , Foam, dry chemical	
		Potential hazardous products of combustion: Carbon dioxide, carbon monoxide, smoke and irritating fumes.	
Unusual Fire & Explosion Hazards: None		Special Fire Fighting Procedures: Use standard fire fighting procedures.	
<b>Section 4</b>			
<b>Reactivity Hazard Data</b>			
Stability: Stable under ordinary conditions of use and storage		Incompatibility (Materials to avoid): Strong oxidizing agents.	
Hazardous Decomposition Byproducts: None known		Conditions to Avoid: Presents no special reactivity hazard	
<b>Section 5</b>			
<b>Toxicological Data</b>			
Acute Effects: Most likely route of entry is through the skin		Eye Rabbit: not available	
Full strength may be irritating to skin and eyes			
Toxicity data:			
LD50 Inhalation (per animal): not available	LD50 Intratracheal (per animal): not available	LD50 Oral (rat): not available	LD50 Dermal (rabbit): not available
<b>Section 6</b>			
<b>Emergency First Aid Procedures</b>			
Eye Contact:	Flush with water for 15 min. Seek medical help if necessary.		
Skin Contact:	Wash area well with water. Seek medical help if necessary.		
Inhalation:	Remove to fresh air. Give oxygen and call a physician.		
Ingestion:	Administer water and call a physician or poison control center immediately. Do not induce vomiting.		
<b>Section 7</b>			
<b>Control and Protective Measures</b>			
Respiratory Protection (specify type): None normally needed.			
Protective Gloves:	Rubber gloves.		
Eye Protection:	Splash proof safety glasses		
Ventilation Requirements:	Mechanical (general)		
Other protective clothing & equipment:	Safety shower, eye wash		
Hygienic Work Practices:	Do not smoke, eat, drink or apply cosmetics in work area! Wash with soap and water after contact. Wash at the end of each work shift and before eating, smoking and using the toilet.		
<b>Section 8</b>			
<b>Precautions for Safe Handling and Use</b>			
Steps to be taken if material is spilled or released: Solid spills can be swept up. Standard absorbents can be used.			
Waste Disposal Methods:	Incineration or sanitary landfill in accordance with local, state, and federal regulations.		
Precautions to be taken in handling & storage:	Store tightly sealed in a cool, well-ventilated area. Observe all warnings and precautions listed for the product. Use in accordance with good manufacturing and industrial hygiene practices. Use product in a properly ventilated work area. Do not eat, drink or smoke while handling product.		
Other Precautions and/or Special Hazards:	Keep away from heat, sparks, and open flame.		
<b>Section 9</b>			
<b>Regulatory Information</b>			
HMIS Rating: Health Hazard 1; Fire Hazard 1; Reactivity 0; Personal Protection B (section 7)			
The chemical, physical and toxicological properties of this product have not been thoroughly investigated. The above information is believed to be current and accurate; however, ISCA Technologies, Inc. makes no warranty with respect to such information and assumes no liability for any loss or injury which may result from the use of this information. Users should conduct their own investigations to determine the suitability of the information. <b>OSHA</b> (U.S. Occupational Safety and Health Administration) <b>PEL</b> (Permissible Exposure Limit) an exposure value that means exactly the same as a ACGIH TLV, except that it is enforceable by OSHA			