

## 1 Identification

### Product identifier

Product Code:	071A-YJ0512   071AA-T2011-YJ-f
Product Name:	Western Yellow Jacket membrane lure
Other means of identification:	Heptyl butyrate in a plastic membrane dispenser.
Recommended use:	Product is intended for use outdoors as an attractant for Yellow Jackets: <i>Vespula pensylvanica</i> , <i>vulgaris</i> , <i>sulphurea</i> & <i>atropilosa</i>
Restrictions for use:	No applicable information is available
Active Ingredient:	Heptyl butyrate
CAS Number:	5870-93-9
Other Ingredients:	This product contains heptyl butyrate in plastic membrane. SDS based on active ingredient.

### Details of the supplier of the safety data sheet

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

## 2 Hazards Identification

Physical hazards:	Not Classified
Health hazards:	Not Classified
Environmental hazards:	Not Classified
OSHA Defined hazards:	Not Classified
Pictogram:	None
Signal Word:	None
Hazard Statement:	This product does not meet the criteria for classification.
Precautionary Statements:	Prevention: Observe good handling hygiene practices. Response: Wash hands after handling. Storage: Store in cool place. Disposal: Dispose of waste in sanitary landfill in accordance with local authority requirements.

## 3 Composition/Information on ingredients

Active Ingredient Name:	Heptyl butyrate
CAS Number:	5870-93-9
Formula:	C <sub>11</sub> H <sub>22</sub> O <sub>2</sub>
Chemical Family:	Aliphatic Ester
Synonyms:	Butyric acid, heptyl ester, heptyl butanoate

## 4 First Aid Measures

- Inhalation: Skin contact: - Eyes: - Ingestion: Most important symptoms /effects, acute and delayed:	Difficult to inhale. Move to fresh air. Call a physician if symptoms develop. Wash off with soap and water. Get medical attention if irritation develops. Rinse with water. Get medical attention if irritation develops. Rinse mouth. Get medical attention if irritation develops.  Direct contact with eyes may cause temporary irritation.
<b>5 Fire-Fighting Measures</b>	
Suitable extinguishing media: Special hazards arising from fire: Specific methods: General fire hazards:	Water fog. Foam. Dry chemical powder. Carbon dioxide. During fire, gases hazardous to health may be formed. Use standard firefighting procedures. No unusual fire or explosion hazards.
<b>6 Accidental Release Measures</b>	
Procedure in case of leak or spill: Procedure(s) of personal precaution(s): Methods for cleaning up:	Pick up plastic devices and dispose of in approved manner. No protective apparatus necessary for cleanup. Pick up material and dispose of in approved manner.
<b>7 Handling and Storage</b>	
Handling: Storage:	No special precautions necessary when handling the product. Suitable: Keep cool and away from sparks or open flame.
<b>8 Exposure Controls/PPE</b>	
Occupational exposure limits: Biological limit values: Appropriate engineering controls: Personal Protective Equipment: General Hygiene Measures:	No exposure limits for ingredients. No biological exposure limits noted for ingredients. Good ventilation ~10 air changes/hr should be used. No respiratory equipment required. Eyeglasses recommended. Wash after handling.
<b>9 Physical and Chemical Properties</b>	
Information on Heptyl butyrate	
Molecular weight: Appearance form: Odor: Boiling point: Flash point: Relative density: Refraction index:	186.3 g/mol Liquid N.A. 225°C 91°C 0.864 g/cc 1.415
<b>10 Stability and Reactivity</b>	
Reactivity: Chemical stability: Possibility of hazardous reactions:	Product is stable under normal transport, storage and use. Product is stable under normal conditions. No known hazardous reactions known under normal use.
<b>11 Toxicology Information</b>	
Skin contact: Eye contact: Inhalation: Ingestion: Signs & Symptoms of Exposure:  Information on likely routes of exposure:	No adverse effect due to skin contact are expected. Product causes eye irritation if directly rubbed in eye. Product difficult to inhale. No adverse effects expected. Expected to be low ingestion hazard. Direct contact with eyes may cause temporary irritation.  Inhalation: No adverse effects due to inhalation are expected. Skin contact: No adverse effects due to skin contact are expected. Eye contact: Direct contact with eyes may cause temporary irritation. Ingestion: Expected to be a low ingestion hazard.

<p>Symptoms related to the physical, chemical and toxicological characteristics:</p> <p>Information on toxicological effects:</p> <p style="padding-left: 40px;">Acute toxicity:</p> <p style="padding-left: 40px;">Skin corrosion/irritation:</p> <p style="padding-left: 20px;">Serious eye damage/eye irritation:</p> <p style="padding-left: 40px;">Respiratory or skin sensitization:</p> <p style="padding-left: 40px;">Respiratory sensitization:</p> <p style="padding-left: 40px;">Skin sensitization:</p> <p style="padding-left: 40px;">Germ cell mutagenicity:</p> <p style="padding-left: 40px;">Carcinogenicity:</p> <p style="padding-left: 20px;">OSHA Specifically Regulated Substances:</p> <p style="padding-left: 40px;">Reproductive toxicity:</p> <p style="padding-left: 20px;">Specific target organ toxicity –single exposure:</p> <p style="padding-left: 20px;">Specific target organ toxicity – repeated exposure:</p> <p style="padding-left: 40px;">Aspiration hazard:</p>	<p>Direct contact with eyes may cause temporary irritation.</p> <p>Not available.</p> <p>Prolonged skin contact may cause temporary irritation.</p> <p>Direct contact with eyes may cause temporary irritation.</p> <p>Not a skin sensitizer</p> <p>Not a respiratory sensitizer</p> <p>This product is not expected to cause skin sensitization.</p> <p>No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.</p> <p>This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.</p> <p>(29 CFR 1910.1001-1050) Not Listed.</p> <p>Product is not expected to cause reproductive or developmental effects</p> <p>Not classified.</p> <p>Not classified.</p> <p>Not an aspiration hazard.</p>
<b>12 Ecological Information</b>	
This product is not classified as environmentally hazardous.	
<p style="padding-left: 40px;">Persistence and degradability:</p> <p style="padding-left: 40px;">Bioaccumulative potential:</p> <p style="padding-left: 40px;">Mobility in soil:</p> <p style="padding-left: 40px;">Other adverse effects:</p>	<p>No data is available on the degradability of this product.</p> <p>Very low if used in prescribed manner.</p> <p>No data available. Very low if used in prescribed manner.</p> <p>No other adverse environmental effects.</p>
<b>13 Disposal Considerations</b>	
<p style="padding-left: 40px;">Disposal instructions:</p> <p style="padding-left: 40px;">Local disposal regulations</p> <p style="padding-left: 20px;">Waste from residues/unused product:</p>	<p>Collect and dispose of in sanitary landfill.</p> <p>Dispose of in accordance with all applicable regulations.</p> <p>Dispose of in accordance with local regulations.</p>
<b>14 Transport Information</b>	
<p>DOT:</p> <p>IATA:</p>	<p>Not regulated.</p> <p>Not regulated.</p>
<b>15 Regulatory Information</b>	
<p style="padding-left: 40px;">US Federal regulations:</p> <p style="padding-left: 40px;">TSCA Section 12(b)</p> <p style="padding-left: 40px;">Export Notification (40 CFR 707, Subpt.D):</p> <p style="padding-left: 20px;">CERCLA Hazardous Substance List (40 CFR 302.4):</p> <p style="padding-left: 40px;">SARA 304 Emergency Release notification:</p> <p style="padding-left: 40px;">OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050):</p> <p>Superfund Amendments and Reauthorization Act of 1986 (SARA) Hazard categories:</p> <p style="padding-left: 40px;">Immediate Hazard:</p> <p style="padding-left: 40px;">Delayed Hazard:</p>	<p>One or more components are not listed on TSCA. This product is not known to be a 'Hazardous Chemical' as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200</p> <p>Not regulated.</p> <p>Not listed.</p> <p>Not regulated.</p> <p>Not listed.</p> <p>No</p> <p>No</p>

<p>Fire Hazard: No</p> <p>Pressure Hazard: No</p> <p>Reactivity Hazard: No</p> <p>SARA 302 Extremely Hazardous substance: Not listed.</p> <p>SARA 311/312 Hazardous chemical: No</p> <p>SARA 313 (TRI reporting): Not regulated.</p> <p>Other federal regulations:</p> <p>Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List: Not regulated.</p> <p>Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130): Not regulated.</p> <p>Safe Drinking Water Act (SDWA): Not regulated.</p> <p>US state regulations:</p> <p>US California Controlled Substances: Not listed.</p> <p>CA Department of Justice (California Health and Safety Code Section 11100):</p> <p>US Massachusetts RTK – Substance List: Not regulated.</p> <p>US New Jersey Worker &amp; Community Right-to-Know Act: Not listed.</p> <p>US Pennsylvania Worker &amp; Community Rightto Know Law: Not listed.</p> <p>US Rhode Island RTK: Not regulated.</p> <p>California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):</p> <p>Canada Regulatory Information:</p> <p>WHMIS Classification:</p> <p>International Inventories:</p> <p>Country Inventory name On inventory (yes/no)*</p> <p>United States Toxic Substances Control Act (TSCA Inventory Yes No indicates the product ingredients are not listed or exempt from listing on the inventory administered by the country.</p>	<p>No</p> <p>No</p> <p>No</p> <p>Not listed.</p> <p>No</p> <p>Not regulated.</p> <p>Not regulated.</p> <p>Not regulated.</p> <p>Not listed.</p> <p>Not regulated.</p> <p>Not listed.</p> <p>Not listed.</p> <p>Not regulated.</p> <p>This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.</p> <p>This product has been classified in accordance with the hazard criteria of the CPR and the SDS contains information required by the CPR.</p>
<b>16 Other Information</b>	
FOR USE OUTDOORS	
<b>17 Disclaimer</b>	
Disclaimer of warranties and limitation of liability	
<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>	