

**Material Safety Data Sheet****Product: STORGARD® KBWB™ pheromone lure for *Trogoderma granarium***

**MSDS Date:** 11/06/2007  
**Product Name:** STORGARD® KBWB™ pheromone lure for *Trogoderma granarium*  
**Manufacturer:** Trécé, Incorporated

**I. Product and Company Description**

**Company:** Trécé Incorporated, P.O. Box 129, Adair, OK 74330  
**Emergency Phone Number:** (918) 785-3061  
**For Product Information:** (918) 785-3061  
**Product Name:** STORGARD® KBWB™ pheromone lure for *Trogoderma granarium*  
**Active Ingredient:** 14-Methyl, (Z)-8-hexadecenal  
**Synonym(s):** 8-Hexadecenal, 14-methyl-, (8Z)-

**II. Chemical Composition / Information on ingredients**

Active ingredient impregnated into natural rubber using appropriate solvent

**Active Ingredient:** 14-Methyl, (Z)-8-hexadecenal  
**CAS Number:** 60609-53-2  
**Molecular Formula:** C<sub>17</sub>H<sub>32</sub>O  
**Dispenser:** Elastomer-based solid

**MSDS based on active ingredient(s) unless otherwise indicated; active ingredient(s) belong to a class of compounds generally regarded as safe; finished product contains very low amounts of active ingredient(s) (<1.0%)**

**III. Hazards Identification**

**HMIS Hazard Classifications:** Health = 1; Flammability = 1; Reactivity = 0; Protection = B  
**Label Precautionary Statements/  
U.S. Hazard Labeling:** Keep under inert gas  
May be irritating to skin and eyes

**IV. First-Aid Measures (for finished product)**

**Eye Contact:** Flush with water for 15 minutes. Seek medical help if necessary.  
**Skin Contact:** Wash area well with water. Seek medical help if necessary.  
**Inhalation Exposure:** 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.

**V. Fire Fighting Measures**

**Flash Point:** Not Determined  
**Autoignition Temperature:** Not Determined  
**Flammability Limits (vol/vol%):** **Lower:** ND; **Upper:** ND  
**Extinguishing Media:** Carbon dioxide (CO<sub>2</sub>), foam, dry chemical.  
**Special Fire Fighting Procedures:** Use standard fire fighting procedures.  
**Unusual Fire and Explosion Hazards:** None

**Material Safety Data Sheet****Product: STORGARD® KBWB™ pheromone lure for *Trogoderma granarium*****VI. Accidental Release Measures (for finished product)**

**Cleanup and Disposal of Spill:** Standard absorbents can be used  
Wet used absorbent with water; store in air-tight container

**Waste Disposal:** Incineration or sanitary landfill in accordance with local, state, and federal regulations.

**VII. Handling and Storage**

**Handling:** 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.

**Storage:** Store tightly sealed under inert gas in a cool, well-ventilated area.

**Fire Protection:** Keep away from heat, sparks, and open flame.

**VIII. Exposure Controls / Personal Protection**

**Ventilation:** Mechanical (general)

**Respiratory Protection:** Usually not required

**Eye / Face Protection:** Wear splash-proof safety glasses

**Skin Protection:** Wear rubber gloves

**Other Protective Equipment:** Safety shower, eye wash

**IX. Physical and Chemical Properties**

**Active Ingredient:** 14-Methyl, (Z)-8-hexadecenal

**Physical State:** Liquid

**Physical Appearance:** Colorless liquid

**Odor:** Powerful waxy

**Boiling Point:** 85°C at 290 mm Hg

**Vapor Pressure:** Not found

**Vapor Density (Air = 1):** >1

**Specific Gravity at 25°C (water = 1):** 0.8460:0.8550

**Water Solubility:** Insoluble in water; soluble in alcohol

**Flash Point (CC):** 230°F 110°C

**X. Stability and Reactivity**

**Conditions to Avoid:** Presents no special reactivity hazard

**Materials / Chemicals to be Avoided:** Strong oxidizing agents

**Hazardous Combustion Products:** CO, CO<sub>2</sub>, Water

**XI. Toxicological Information**

**Active Ingredient:** 14-Methyl, (Z)-8-hexadecenal

**Acute Effects:** Most likely route of entry is through the skin.  
Full strength may be irritating to eyes.

**Threshold Limit Value (TLV):** Not established

**OSHA Permissible Exposure Limit (PEL):** Not established

**Listed as Carcinogen by NTP, IARC, or OSHA:** No



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### XII. Ecological Information

**General:** Prevent contamination of soil, ground, and surface water.

### XIII. Disposal Consideration

**Waste Disposal Method:** Incineration or sanitary landfill in accordance with local, state, and federal regulations.

### XIV. Transportation Information

**Road (U.S. - DOT):** Not regulated  
**Air (IATA):** Not regulated  
**Sea (IMDG):** Not regulated

### XV. Regulatory Information

**European Information:** Based on toxicological studies in the published literature, there are no risk and safety phrases to assign for this product.  
**Reviews, Standards, and Regulations:** This chemical is listed on the following inventories: TSCA, NDSL, EINECS  
**Listed as carcinogen by NTP, IARC, or OSHA:** No

### XVI: Other Information

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