SECTION I - HAZARDOUS INGREDIENTS

The product is composed of gelled hydrocarbon oil and synthetic replicas of natural insect pheromones.

SECTION II - PHYSICAL PROPERTIES

Form: oil-based gel
Solubility: insoluble in water, soluble in organic solvents
Color: clear
% Volatiles by Volume (25 ºC): ca. <3%
Odor: very slight, pungent
Vapor Pressure: considered insignificant
Specific Gravity: 0.8 at 25 ºC
Vapor Density: considered insignificant
Evaporation Rate: N/A
pH: N/A
Water Reactivity: N/A
Flash Point (Test Method): >340 ºF (ASTM D-92)
Flammable Limit: not known
Auto Ignition Temp.: not known
Extinguishing Media: dry chemical, carbon dioxide or foam as appropriate for surrounding materials
Special Fire Fighting Procedures and Personnel Protection: Water or foam exposed to hot burning liquid may froth. Keep fire-exposed containers cool with water spray. Wear positive pressure self-contained breathing apparatus approved by MSHA/NIO SH.
Unusual Fire and Explosion Hazards: Dense smoke may be generated while burning. Carbon dioxide, carbon monoxide and other hydrocarbon combustion products may be produced.

SECTION III - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Test Method): >340 ºF (ASTM D-92)
Flammable Limit: not known
Auto Ignition Temp.: not known
Extinguishing Media: dry chemical, carbon dioxide or foam as appropriate for surrounding materials
Special Fire Fighting Procedures and Personnel Protection: Water or foam exposed to hot burning liquid may froth. Keep fire-exposed containers cool with water spray. Wear positive pressure self-contained breathing apparatus approved by MSHA/NIO SH.
Unusual Fire and Explosion Hazards: Dense smoke may be generated while burning. Carbon dioxide, carbon monoxide and other hydrocarbon combustion products may be produced.
NFPA Ratings: Flammability: 1; Health: 0; Reactivity: 0

SECTION IV - HEALTH HAZARD DATA

The product is considered practically non-toxic via the oral, dermal or inhalation routes and not considered dermatally irritating or sensitizing. The product may cause minimal eye irritation. Avoid aspiration. Prolonged or substantial aspiration of hydrocarbons can lead to lipid pneumonia or lung granuloma.
Primary Route(s) of Entry: dermal
Signs and Symptoms of Over-Exposure: Ingestion may cause laxative effect.
Acute and/or Chronic Effects: Ingredients are non-toxic if ingested in small quantities. Ingestion and aspiration should be avoided.
Emergency and First Aid Procedures:
If in Eyes: Flush with water for at least 15 minutes and contact a physician if any persistent irritation results.
If Swallowed: Do not induce vomiting (to avoid aspiration). If more than a teaspoon is ingested contact a physician.
If on Skin: Wash with soap and water.
If Breathed: Not expected to be an inhalation hazard. If oil-misting occurs and is inhaled, aspiration can cause respiratory effects as noted above.

SECTION V - PERSONAL PROTECTION MEASURES

Respirator Type: not required
Eye Protection: not required
Gloves: recommended
Ventilation: not required
Other Protective Measures: Prevent aerosolization and/or oil misting of product which could be caused by excessive heat, or spraying of the product.

SECTION VI - REACTIVITY DATA

Stability Under Normal Conditions: Stable
Hazardous Polymerization: Not known to occur
Incompatibility (Materials to Avoid): oxidizing agents
Hazardous Decomposition Products: carbon dioxide, carbon monoxide, other oxides

SECTION VII - SPILL OR LEAK PROCEDURES

Steps to be Taken in the Event Material is Spilled or Released: Inert absorbents may be used to contain spill.
Small Spill: Wipe up and dispose of in proper container.
Large Spill: Shovel spilled product into proper disposal container. Clean the area with detergent and water.
Waste Disposal Procedures: Wastes resulting from use may be disposed of on site or at an approved waste disposal facility. Dispose of wastes in accordance with all Federal, State and Local laws.

SECTION VIII - STORAGE AND HANDLING PRECAUTIONS

Storage Temperature: Room temperature or cooler. Average Shelf Life: One year in original container at room temperature. Longer if refrigerated.
Special Sensitivity (Heat, Light, Moisture): Avoid prolonged exposure to excessive heat.
Special Precautions to be Taken in Handling and Storage: Store in original container away from excessive heat and out of reach of children, pets or wildlife.

SECTION IX - SHIPPING INFORMATION

DOT Shipping Name: None required
DOT Hazard Classification: Non-Hazardous
DOT Labels Required: None required
Freight Classification: LTL Class 60

Warranty: The information provided in this Material Safety Data Sheet has been obtained from sources believed to be reliable. Rockwell Labs Ltd provides no warranties, express or implied, and assumes no responsibility for the accuracy and completeness of the data contained herein. This information is offered for your consideration and investigation. The user is responsible to ensure that they have all data relevant to their particular use.