

COCREATE GLOBAL TECHNOLOGIES PRIVATE LIMITED

U21009KA2023PTC179006

Registered address: FFK Towers, #445, 2nd Floor, 17th Cross Road, Sector 4, HSR Layout, Bangalore, Bangalore South, Karnataka - 560102, India.

Email: info@scimplify.com

Website: www.scimplify.com



SAFETY DATA SHEET

11Z-HEXADECENAL, 9Z-HEXADECENAL BLEND (97:3)

1. Product and Company Identification

- **Product Name:** 11Z-HEXADECENAL, 9Z-HEXADECENAL BLEND (97:3)
- **Manufacturer/Supplier:** Cocreate Global Technologies Private Limited

SECTION 2. HAZARDS IDENTIFICATION

HMIS HAZARD CLASSIFICATIONS

- **HEALTH = 1**
- **FLAMMABILITY = 1**
- **REACTIVITY = 0**
- **PROTECTION = B**

LABEL PRECAUTIONARY STATEMENTS

- May be irritating to skin and eyes.
- Based on toxicological studies in the published literature, there are no risk and safety phrases to assign for this product.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Molecular Formula	Molecular Weight
Z-11-Hexadecenal	53939-28-9	C ₁₆ H ₃₀ O	238.41
Z-9-Hexadecenal	56219-04-6	C ₁₆ H ₃₀ O	238.41

- **Minimum Purity:** NLT 90%

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SECTION 4. FIRST-AID MEASURES

- **Inhalation Exposure:** Remove to fresh air. Give oxygen and call a physician.
- **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.
- **Ingestion:** Administer water and call a physician or poison control center immediately. Do not induce vomiting.

SECTION 5. FIRE FIGHTING MEASURES

- **Extinguishing Media:** CO₂, foam, dry chemical
- **Special Fire Fighting Procedures:** Use standard firefighting procedures.
- **Unusual Fire and Explosion Hazards:** None

SECTION 6. 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

Packaging: Glass, Plastic, Aluminum or Phenolic Lined Steel. Store tightly sealed under inert gas in a cool, well-ventilated area.

FIRE PROTECTION

Keep away from heat, sparks, and open flame.

SECTION 7. EXPOSURE CONTROLS / PERSONAL PROTECTION

- **VENTILATION:** Mechanical (general)
- **RESPIRATORY:** Usually not required
- **SKIN:** Rubber gloves
- **EYES:** Splash-proof safety glasses

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- **OTHER PROTECTIVE EQUIPMENT:** Safety shower, eye wash

SECTION 8. PHYSICAL AND CHEMICAL PROPERTIES

- **PHYSICAL STATE:** Liquid
- **APPEARANCE:** Light yellow
- **ODOR DESCRIPTION:** Characteristic odor
- **SOLUBILITY IN WATER:** NA
- **MELTING POINT (CC):** NA
- **DENSITY:** 0.95 – 1
- **FLASH POINT:** NA

SECTION 9. STABILITY AND REACTIVITY

- **INCOMPATIBILITIES**
- **CONDITIONS TO AVOID:** Presents no special reactivity hazard.
- **MATERIALS TO AVOID:** Strong oxidizing agents
- **HAZARDOUS COMBUSTION PRODUCTS:** CO, CO₂, water

SECTION 10. TOXICOLOGICAL INFORMATION

- Most likely route of entry is through the skin.
- Full strength may be irritating to skin and eyes.

TOXICITY DATA

- This material is a Straight Chain Lepidopteran Pheromone, a class of pheromones with no expected risks to human health or non-target organisms.
 - **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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SECTION 11. ECOLOGICAL INFORMATION

General:

Prevent contamination of soil, ground, and surface water.

SECTION 12. Disposal Consideration

Waste Disposal Method:

Waste resulting from this product may be disposed on site or at an approved waste disposal facility in accordance with local, state, and federal regulations.

SECTION 13. TRANSPORT INFORMATION

- **Class Pack Group:**
 - **Sub. Risk UN No:** NA
 - **Road (U.S.-DOT):** not regulated
 - **Air (IATA):** not regulated
 - **Sea (IMDG):** not regulated
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SECTION 14. Regulatory Information

European Information:

There are no toxicological studies in the published literature to assign risk and safety phrases.

Reviews, Standards, and Regulations:

This chemical is listed on the following inventories: **TSCA**

Listed as carcinogen by NTP, IARC, or OSHA: No

SECTION 15. OTHER INFORMATION

DISCLAIMER OF WARRANTIES AND LIMITATION OF LIABILITY

The information in this MSDS was obtained from sources which we believe are reliable.
