

SAFETY DATA SHEET

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Product #: P4062-97 e-11-HEXADECEN-1-OL

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Bedoukian Research, Inc. Emergency Phone Numbers:
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Danbury, CT 06810-4133 1-703-527-3887 Chemtrec (International)
UNITED STATES
Phone: 1-203-830-4000 Email: customerservice@bedoukian.com
Fax: 1-203-830-4010 Website: <http://www.bedoukian.com>

Product Code: P4062-97
Product Name: e-11-HEXADECEN-1-OL
Uses: pheromone

SECTION 2. HAZARDS IDENTIFICATION

HMIS HAZARD CLASSIFICATIONS

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

LABEL PRECAUTIONARY STATEMENTS

U.S. HAZARD LABELING

****For Research & Development use only.****

May be irritating to skin and eyes.

EU 67/548/EEC (DSD) DETERMINATION

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

CAS #: 61301-56-2

MF: C16H32O

EC NO: 262-704-6

Minimum Purity: 97.0%

ADDITIONAL INFORMATION

R&D use only by technically qualified individual.

SYNONYM(S)

11-Hexadecen-1-ol, (11E)-

E-11-Hexadecenol

E-11-Hexadecenyl Acetate

E11-16OH

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 class B fire fighting procedures

UNUSUAL FIRE AND EXPLOSION HAZARDS:

none

SECTION 6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED

Solid spills can be swept up.

Standard absorbents can be used.

WASTE DISPOSAL METHOD: Incineration or sanitary landfill in accordance with local, state, and federal regulations.

SECTION 7. 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 or Steel

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

FIRE PROTECTION

Keep away from heat, sparks, and open flame.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

VENTILATION: Mechanical (general)

RESPIRATORY: Usually not required

SKIN: Rubber gloves

EYES: Splash-proof safety glasses

OTHER PROTECTIVE EQUIPMENT: Safety shower, eye wash

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Solid

APPEARANCE: white-off white solid

ODOR DESCRIPTION: fatty

MELTING POINT: NA

BOILING POINT: Not Established

VAPOR PRESSURE : Not established

VAPOR DENSITY (Air = 1): >1

SPECIFIC GRAVITY @ 25C (water = 1): Not applicable.

SOLUBILITY IN WATER: Insoluble in water

FLASH POINT (CC): 230 F 110 C

SECTION 10. STABILITY AND REACTIVITY

INCOMPATIBILITIES

CONDITIONS TO AVOID: Presents no special reactivity hazard.

MATERIALS TO AVOID: Strong oxidizing agents

HAZARDOUS COMBUSTION PRODUCTS

CO, CO₂, H₂O

SECTION 11. TOXICOLOGICAL INFORMATION

ACUTE EFFECTS

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 PERMISSABLE EXPOSURE LIMIT (PEL): not established

LISTED AS CARCINOGEN BY NTP, IARC, OR OSHA?: NO

SECTION 12. ECOLOGICAL INFORMATION

GENERAL

Prevent contamination of soil, ground- and surface water.

SECTION 13. DISPOSAL CONSIDERATION

WASTE DISPOSAL METHOD: Incineration or sanitary landfill in accordance with local, state, and federal regulations.

SECTION 14. TRANSPORT INFORMATION

	Class	Pack Group	Sub. Risk	UN No.
Road(U.S.-DOT):	not regulated.			
Air (IATA):	not regulated.			
Sea (IMDG):	not regulated.			

SECTION 15. REGULATORY INFORMATION

REVIEWS, STANDARDS, AND REGULATIONS

This chemical is listed on the following inventories:

ECL EINECS(262-704-6) ENCS

LISTED AS CARCINOGEN BY NTP, IARC, OR OSHA?: NO

SECTION 16. OTHER INFORMATION

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