BEDOUKIAN
Bedoukian Research, Inc.
21 Finance Drive | Danbury, CT 06810 | Phone: 203-830-4000 | FAX: 203-830-4010
Web: http://www.bedoukian.com Email: customerservice@bedoukian.com

SAFETY DATA SHEET

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Product #: P3040-95 z-9-DODECENYL ACETATE

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Bedoukian Research, Inc.
21 Finance Drive
Danbury, CT 06810-4133
UNITED STATES
Phone: 1-203-830-4000 Email: customerservice@bedoukian.com
Fax: 1-203-830-4010 Website: http://www.bedoukian.com

Emergency Phone Numbers:
1-800-424-9300 Chemtrec (North America)
1-703-527-3887 Chemtrec (International)

Product Code: P3040-95
Product Name: z-9-DODECENYL ACETATE
Uses: pheromone

SECTION 2. HAZARDS IDENTIFICATION

HMIS HAZARD CLASSIFICATIONS
HEALTH = 1 FLAMMABILITY = 1 REACTIVITY = 0 PROTECTION = B

LABEL PRECAUTIONARY STATEMENTS
U.S. HAZARD LABELING
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 #: 16974-11-1
MF: $C_{14}H_{26}O_2$
EC NO: 241-054-7
Minimum Purity: 95.0%
ADDITIONAL INFORMATION
EPA Registration No. 52991-10
SYNONYM(S)
9-Dodecen-1-ol, acetate, (9Z)-
BEDOUKIAN 9-DODECENYL ACETATE TECHNICAL PHEROMONE
GBM pheromone component
Grapeberry moth pheromone component
WPSB pheromone
Western pine shootborer pheromone
Z9-12Ac

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
CO_2, FOAM, DRY CHEMICAL
SPECIAL FIRE FIGHTING PROCEDURES

Use standard fire fighting procedures.
UNUSUAL FIRE AND EXPLOSION HAZARDS:
None.

SECTION 6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED
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, Aluminum 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: Liquid
APPEARANCE: colorless liquid
ODOR DESCRIPTION: mild, fruity
BOILING POINT: 95C @ 1 mm Hg
VAPOR PRESSURE : Not found
VAPOR DENSITY (Air = 1): >1
SPECIFIC GRAVITY @ 25C (water = 1): 0.8750:0.8800
SOLUBILITY IN WATER: Insoluble in water.
FLASH POINT (CC): 230 F 110 C
LOGP : 5.560

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, water

SECTION 11. TOXICOLOGICAL INFORMATION

ACUTE EFFECTS
Most likely route of entry is through the skin.
Full strength may be irritating to skin and eyes.
RTECS NUMBERS
RTECS:(Z-9-Dodecen-1-ol, acetate) JR5270000.
TOXICITY DATA
LD50 Oral (rat) > 5 g/kg.
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:
TSCA NDSL ECL EINECS(241-054-7) ENCS
LISTED AS CARCINOGEN BY NTP, IARC, OR OSHA?: NO

SECTION 16. OTHER INFORMATION

DISCLAIMER OF WARRANTIES AND LIMITATION OF LIABILITY

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