

SAFETY DATA SHEET

Issue Date: Aug 28, 2007
SDS #: BRIP7100-98

Revision Date: May 23, 2012
Printed: May 23, 2012 18:18:00

Product #: P7100-98 (5E)-6,10-DIMETHYL-5,9-UNDECADIEN-2-OL (RACEMIC E-FUSCUMOL)

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS #: 7733-91-7
MF: C13H24O

ADDITIONAL INFORMATION

R&D use only by technically qualified individual.

SYNONYM(S)

5,9-Undecadien-2-ol, 6,10-dimethyl-, (5E)-
BSLB pheromone
E-Geranyl acetol
Racemic trans-Fuscol
trans-Geranyl acetol

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 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

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

FIRE PROTECTION

Keep away from heat, sparks, and open flame.

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SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

VENTILATION: Local exhaust preferred. General ventilation required.
RESPIRATORY: Usually not required. Avoid inhaling concentrated vapors.
SKIN: Avoid skin contact. Use chemical resistant gloves.
EYES: Splash-proof safety glasses or goggles.
OTHER PROTECTIVE EQUIPMENT: Safety shower, eye wash

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid
APPEARANCE: liquid
ODOR DESCRIPTION: not established
BOILING POINT: 275.29 C (EPI 4.0)
VAPOR PRESSURE : 0.000342 mmHg (20C, EPI 4.0)
VAPOR DENSITY (Air = 1): > 1
SPECIFIC GRAVITY @ 25C (water = 1): Not established.
SOLUBILITY IN WATER:
FLASH POINT (CC): 210 F 98 C
LOGP : 4.870

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.

IRRITATION DATA

Skin Rabbit: 5 g/kg irritant effects; slight to moderate redness and edema in 10/10 animals. For similar 6,10-Dimethyl-5,9-undecadien-2-one.

TOXICITY DATA

LD50 Dermal (rabbit) > 5 g/kg. For similar 6,10-Dimethyl-5,9-undecadien-2-one.

LD50 Oral (rat) > 5 g/kg. For similar 6,10-Dimethyl-5,9-undecadien-2-one.

S. typhimurium strains TA1535, TA1537, TA98, TA100, and TA102 w/ & w/o rat S9: no effects; dosed up to 2500 ug/plate. For similar 6,10-Dimethyl-5,9-Undecadien-2-one. Plate incorporation method.

S. typhimurium strains TA1535, TA1537, TA98, TA100, and TA102 w/ & w/o rat S9: no effects; dosed up to 313 ug/plate. For similar 6,10-Dimethyl-5,9-Undecadien-2-one. Preincubation test.

THRESHOLD LIMIT VALUE (TLV): Not established

OSHA PERMISSABLE EXPOSURE LIMIT (PEL): Not established

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

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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

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

SECTION 16. OTHER INFORMATION

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