

CAS #: 68133-79-9
FEMA #: Approved
MF: C15H24O
EC NO: 268-706-3
Minimum Purity: 96.5% (sum of isomers)
Additives: synthetic alpha tocopherol @ 0.10%

SYNONYM(S)

Cyclopentanone, 2-(3,7-dimethyl-2,6-octadienyl)-
2-(3,7-Dimethyl-2,6-octadienyl)cyclopentanone
2-(3,7-dimethyl-2,6-octadien-1-yl)-Cyclopentanone
2-(3,7-dimethylocta-2,6-dienyl)cyclopentan-1-one
Decenyl Cyclopentanone
Geranyl Cyclopentanone

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

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 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: colorless liquid
ODOR DESCRIPTION: peach-apricot, with jasmine undertones.
BOILING POINT: 310.79 C (EPI 4.0)
VAPOR PRESSURE : 0.000887 mmHg (20C, EPI 4.0)
VAPOR DENSITY (Air = 1): > 1
SPECIFIC GRAVITY @ 25C (water = 1): 0.9110:0.9160
SOLUBILITY IN WATER: Insoluble in water; soluble in alcohol.
FLASH POINT (CC): 230 F 110 C
LOGP : 5.150

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.

IFRA RECOMMENDATIONS

This product contains material that has an IFRA standard.

Please visit www.ifraorg.org for the full text of the guideline for the material indicated.

This product contains material with an IFRA standard. This material and its amount in the formulation are as follows:

beta-Damascone (a Rose ketone) up to 0.05%.

IRRITATION DATA

Dermal sensitization (Guinea Pigs): Apritone is not a sensitizer. Buehler method; material tested at 100% concentration.

Eye Rabbit: no irritant effects. Result for similar mat'l 2-(3,7-dimethyl-

2,6-nonadien-1-yl)-Cyclopentanone

Skin Rabbit: irritant effects, primary irritation index = 4.12.

TOXICITY DATA

LD50 Dermal (rabbit) > 5000 mg/kg. Result for similar mat'l 2-(3,7-dimethyl-2,6-nonadien-1-yl)-Cyclopentanone.

LD50 Oral (rat) > 5 g/kg.

OTHER DATA

All components of this product are FEMA/GRAS or FDA approved for flavors.
All components of this product are listed on the EU union list of
flavourings as allowed for all categories of food.

contains: up to 0.005% FEMA 3264; 0.03% FEMA 3410; 0.05% FEMA 3243; 0.06%
FEMA 3937; 0.11% FEMA 3758; 99.9% FEMA 3829.

contains: up to 0.005% z-4-Decenal; 0.03% Methyl jasmonate; 0.05% beta-
Damascone; 0.06% Lactone of cis jasmone; 0.11% Jasmolactone extra C;

99.9%

2-(3,7-Dimethyl-2,6-octadienyl)cyclopentanone

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.
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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 AICS CHINA DSL EINECS(268-706-3) PICCS

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

SECTION 16. OTHER INFORMATION

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