

Material Safety Data Sheet

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Section 1 – Supplier and Product Information



Chemtica USA 2912 Enterprise DR STE A1, Durant,
Oklahoma, 74701-1993 USA



Chemtica Intl Industrial Zone La Valencia, 300 m
South Fedecoop, Sto Domingo Heredia Costa Rica 40306

Emergency Phone Numbers:

1-800-424-9300 Chemtrec (North America)

1-703-527-3887 Chemtrec(International)

580-8614800 Chemtica USA

001-506-22622595, 001-506-2261-2424 Chemtica Internacional

Name: QUERCIVOROL ((1*S*,4*R*)-*p*-menth-2-en-1-ol), aggregation pheromone, of the ambrosia beetle, *Platypus quercivorus* (Coleoptera: Platypodidae)

Section 2 Hazards Identification

HMIS HAZARD CLASSIFICATIONS

HEALTH = 1 FLAMMABILITY = 2 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

Formula : C₁₀H₁₈O

CAS: 29803-81-4

Molecular Weight: 154.249 g/mol

Name: (1*S*,4*R*)-4-Isopropyl-1-methyl-2-cyclohexen-1-ol, (1*S*,4*R*)-*p*-menth-2-en-1-ol, Quercivorol.

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 / PPE

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 / Chemical Properties Available for Active Ingredient information on basic physical and chemical properties

a) Appearance Form: liquid

b) Melting point/freezing point: 5,32 °C

d) Initial boiling point and boiling range: 213.33 °C at 760 mmHg

e) Flash point: 87.15 °C

f) Vapour pressure: 0.0457 mmHg at 25 °C

g) Relative density: 0.922 g/cm³

^h) Water solubility: 433.2 mg/L at 25 °C

i) Partition coefficient: n-octanol/water: log Pow: 2.884

k) Refraction index: 1.478

Section 10 Stability and Reactivity

INCOMPATIBILITIES

CONDITIONS TO AVOID: Presents no special reactivity hazard.

MATERIALS TO AVOID: Strong oxidizing agents, Inorganic acids, Caustics, Amines.

HAZARDOUS COMBUSTION PRODUCTS: CO, CO₂, water, smoke.

Section 11 Toxicological Information

ACUTE EFFECTS

Most likely route of entry is through the skin.

Full strength may be irritating to skin and eyes.

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 Considerations

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

Section 14 Transport Information

N/A. Not regulated for transportation.

Section 15 Regulatory Information

REVIEWS, STANDARDS, AND REGULATIONS

This chemical is listed on the following inventories: TSCA NDSL

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

Section 16 Other Information

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