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| | | o Regulation (EC) No. 1907/2006 as amended by (EC) No. 2015/830 | | | | | | |
|----------|--|--|-----------------------|--|--|--|--|--|
| | Section 1. Ide | entification of the Substance/Mixture and of th | e Company/Undertaking | | | | | |
| .1 | Product Code: | 25771 | | | | | | |
| | Product Name: | .betaEudesmol | | | | | | |
| | Synonyms: (2R,4aR,8aS)-decahydro-a,a,4a-trimethyl-8-methylene-2-naphthalenemethar | | | | | | | |
| | (+)betaEudesmol; | | | | | | | |
| 2 | Relevant identified uses of t | he substance or mixture and uses advised aga | ainst: | | | | | |
| | Relevant identified uses: | For research use only, not for human or veterin | hary use. | | | | | |
| 3 | Details of the Supplier of the Safety Data Sheet: | | | | | | | |
| | Company Name: | Cayman Chemical Company | | | | | | |
| | | 1180 E. Ellsworth Rd. | | | | | | |
| | | Ann Arbor, MI 48108 | | | | | | |
| | Web site address: | www.caymanchem.com | | | | | | |
| | Information: | Cayman Chemical Company | +1 (734)971-3335 | | | | | |
| 4 | Emergency telephone numb | er: | | | | | | |
| | Emergency Contact: | CHEMTREC Within USA and Canada: | +1 (800)424-9300 | | | | | |
| | | CHEMTREC Outside USA and Canada: | +1 (703)527-3887 | | | | | |
| | | Section 2. Hazards Identifica | ation | | | | | |
| 1 | Classification of the Substan Skin Corrosion/Irritation, C Serious Eve Damage/Eve I | nce or Mixture: Category 2 | | | | | | |
| .1 .2 | | nce or Mixture: Category 2 | | | | | | |
| | Skin Corrosion/Irritation, C Serious Eye Damage/Eye I Label Elements: | nce or Mixture: Category 2 Irritation, Category 2 | | | | | | |
| | Skin Corrosion/Irritation, G Serious Eye Damage/Eye I Label Elements: GHS Signal Word: | nce or Mixture: Category 2 | | | | | | |
| | Skin Corrosion/Irritation, G Serious Eye Damage/Eye I Label Elements: GHS Signal Word: GHS Hazard Phrases: | nce or Mixture: Category 2 Irritation, Category 2 Warning | | | | | | |
| | Skin Corrosion/Irritation, G Serious Eye Damage/Eye I Label Elements: GHS Signal Word: GHS Hazard Phrases: H315: Causes skin irritation. | nce or Mixture: Category 2 Irritation, Category 2 Warning | | | | | | |
| | Skin Corrosion/Irritation, C Serious Eye Damage/Eye I Label Elements: GHS Signal Word: GHS Hazard Phrases: H315: Causes skin irritation. H319: Causes serious eye in | nce or Mixture: Category 2 Irritation, Category 2 Warning | | | | | | |
| | Skin Corrosion/Irritation, G Serious Eye Damage/Eye I Label Elements: GHS Signal Word: GHS Hazard Phrases: H315: Causes skin irritation. H319: Causes serious eye in GHS Precaution Phrases: | nce or Mixture: Category 2 Irritation, Category 2 Warning rritation. | | | | | | |
| | Skin Corrosion/Irritation, G Serious Eye Damage/Eye I Label Elements: GHS Signal Word: GHS Hazard Phrases: H315: Causes skin irritation. H319: Causes serious eye in GHS Precaution Phrases: P264: Wash {hands} thoroug | nce or Mixture: Category 2 Irritation, Category 2 Warning rritation. ghly after handling. | | | | | | |
| | Skin Corrosion/Irritation, G Serious Eye Damage/Eye I Label Elements: GHS Signal Word: GHS Hazard Phrases: H315: Causes skin irritation. H319: Causes serious eye in GHS Precaution Phrases: P264: Wash {hands} thoroug P280: Wear {protective glov | nce or Mixture: Category 2 Irritation, Category 2 Warning rritation. | | | | | | |
| | Skin Corrosion/Irritation, G Serious Eye Damage/Eye I Label Elements: GHS Signal Word: GHS Hazard Phrases: H315: Causes skin irritation. H319: Causes serious eye in GHS Precaution Phrases: P264: Wash {hands} thoroug P280: Wear {protective glove GHS Response Phrases: | nce or Mixture: Category 2 Irritation, Category 2 Warning rritation. ghly after handling. es/protective clothing/eye protection/face protectio | | | | | | |
| | Skin Corrosion/Irritation, C Serious Eye Damage/Eye I Label Elements: GHS Signal Word: GHS Hazard Phrases: H315: Causes skin irritation. H319: Causes serious eye in GHS Precaution Phrases: P264: Wash {hands} thoroug P280: Wear {protective glov GHS Response Phrases: P302+352: IF ON SKIN: Wa | nce or Mixture: Category 2 Irritation, Category 2 Warning rritation. ghly after handling. res/protective clothing/eye protection/face protection | on}. | | | | | |
| | Skin Corrosion/Irritation, G Serious Eye Damage/Eye I Label Elements: GHS Signal Word: GHS Hazard Phrases: H315: Causes skin irritation. H319: Causes serious eye in GHS Precaution Phrases: P264: Wash {hands} thoroug P280: Wear {protective glov GHS Response Phrases: P302+352: IF ON SKIN: Wa P305+351+338: IF IN EYES | nce or Mixture: Category 2 Irritation, Category 2 Warning rritation. ghly after handling. es/protective clothing/eye protection/face protectio | on}. | | | | | |
| | Skin Corrosion/Irritation, G Serious Eye Damage/Eye I Label Elements: GHS Signal Word: GHS Hazard Phrases: H315: Causes skin irritation. H319: Causes serious eye in GHS Precaution Phrases: P264: Wash {hands} thoroug P280: Wear {protective glow GHS Response Phrases: P302+352: IF ON SKIN: Wa P305+351+338: IF IN EYES to do. Continue rinsing. | nce or Mixture: Category 2 Irritation, Category 2 Warning | on}. | | | | | |
| | Skin Corrosion/Irritation, G Serious Eye Damage/Eye I Label Elements: GHS Signal Word: GHS Hazard Phrases: H315: Causes skin irritation. H319: Causes serious eye in GHS Precaution Phrases: P264: Wash {hands} thoroug P280: Wear {protective glov GHS Response Phrases: P302+352: IF ON SKIN: Wa P305+351+338: IF IN EYES to do. Continue rinsing. P332+313: If skin irritation o | nce or Mixture: Category 2 Irritation, Category 2 Warning rritation. ghly after handling. es/protective clothing/eye protection/face protection ash with plenty of soap and water. S: Rinse cautiously with water for several minutes. | on}. | | | | | |
| | Skin Corrosion/Irritation, G Serious Eye Damage/Eye I Label Elements: GHS Signal Word: GHS Hazard Phrases: H315: Causes skin irritation. H319: Causes serious eye in GHS Precaution Phrases: P264: Wash {hands} thoroug P280: Wear {protective glov GHS Response Phrases: P302+352: IF ON SKIN: Wa P305+351+338: IF IN EYES to do. Continue rinsing. P332+313: If skin irritation of P337+313: If eye irritation po | nce or Mixture: Category 2 Irritation, Category 2 Warning | on}. | | | | | |
| | Skin Corrosion/Irritation, G Serious Eye Damage/Eye I Label Elements: GHS Signal Word: GHS Hazard Phrases: H315: Causes skin irritation. H319: Causes serious eye in GHS Precaution Phrases: P264: Wash {hands} thoroug P280: Wear {protective glov GHS Response Phrases: P302+352: IF ON SKIN: Wa P305+351+338: IF IN EYES to do. Continue rinsing. P332+313: If skin irritation of P337+313: If eye irritation po | nce or Mixture: Category 2 Irritation, Category 2 Warning | on}. | | | | | |

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| Calman |
| Caynan |

Revision: 08/18/2018

| Eff CAS # / RTECS # 473-15-4 QJ9698500 I.1 De Me In | Hazardous Comp REACH Registrat 4 2-Naphthalenemetha | tion 3. Composition ponents (Chemical Name)/ tion No. anol, lipha.,4a-trimethyl-8-methylene-, Section 4. Fil | he mucous membra , ingestion, or skin m irritation. a, the toxicological p /Information Concentration 100.0 % | absorption. oroperties have no On Ingredie EC No./ EC Index No. 610-334-4 NA | t been thoroughly investigated. | | | | |
|--|---|---|---|--|---|--|--|--|--|
| CAS # / RTECS # 473-15-4 QJ9698500 I.1 De Me In | Hazardous Comp REACH Registrat 4 2-Naphthalenemetha decahydroalpha.,.a (2R,4aR,8aS)- escription of First Aid easures: | Material may be irritating to the May be harmful by inhalation May cause respiratory system To the best of our knowledge ion 3. Composition conents (Chemical Name)/ tion No. anol, lipha.,4a-trimethyl-8-methylene-, Section 4. Fil | n, ingestion, or skin m irritation. e, the toxicological p /Information Concentration 100.0 % | absorption. oroperties have no On Ingredie EC No./ EC Index No. 610-334-4 NA | t been thoroughly investigated. TS GHS Classification Skin Corr. 2: H315 | | | | |
| RTECS # 473-15-4 QJ9698500 I.1 De Me In | Hazardous Comp REACH Registrat 2-Naphthalenemetha decahydroalpha.,.a (2R,4aR,8aS)- escription of First Aid easures: | May be harmful by inhalation May cause respiratory system To the best of our knowledge tion 3. Composition ponents (Chemical Name)/ tion No. anol, llpha.,4a-trimethyl-8-methylene-, Section 4. Fin | n, ingestion, or skin m irritation. e, the toxicological p /Information Concentration 100.0 % | absorption. oroperties have no On Ingredie EC No./ EC Index No. 610-334-4 NA | t been thoroughly investigated. TS GHS Classification Skin Corr. 2: H315 | | | | |
| RTECS # 473-15-4 QJ9698500 I.1 De Me In | Hazardous Comp REACH Registrat 2-Naphthalenemetha decahydroalpha.,.a (2R,4aR,8aS)- escription of First Aid easures: | May cause respiratory system To the best of our knowledge ion 3. Composition ponents (Chemical Name)/ tion No. anol, upha.,4a-trimethyl-8-methylene-, Section 4. Fir | m irritation. e, the toxicological p /Information Concentration 100.0 % | oroperties have no On Ingredie EC No./ EC Index No. 610-334-4 NA | CHS Classification Skin Corr. 2: H315 | | | | |
| RTECS # 473-15-4 QJ9698500 I.1 De Me In | Hazardous Comp REACH Registrat 2-Naphthalenemetha decahydroalpha.,.a (2R,4aR,8aS)- escription of First Aid easures: | To the best of our knowledge ion 3. Composition ponents (Chemical Name)/ tion No. anol, llpha.,4a-trimethyl-8-methylene-, Section 4. Fil | e, the toxicological p /Information Concentration 100.0 % | On Ingredie EC No./ EC Index No. 610-334-4 NA | CHS Classification Skin Corr. 2: H315 | | | | |
| RTECS # 473-15-4 QJ9698500 I.1 De Me In | Hazardous Comp REACH Registrat 2-Naphthalenemetha decahydroalpha.,.a (2R,4aR,8aS)- escription of First Aid easures: | tion 3. Composition ponents (Chemical Name)/ tion No. anol, lipha.,4a-trimethyl-8-methylene-, Section 4. Fil | /Information Concentration | On Ingredie EC No./ EC Index No. 610-334-4 NA | CHS Classification Skin Corr. 2: H315 | | | | |
| RTECS # 473-15-4 QJ9698500 I.1 De Me In | Hazardous Comp REACH Registrat 2-Naphthalenemetha decahydroalpha.,.a (2R,4aR,8aS)- escription of First Aid easures: | ponents (Chemical Name)/ tion No. anol, lipha.,4a-trimethyl-8-methylene-, Section 4. Fil | Concentration | EC No./ EC Index No. 610-334-4 NA | GHS Classification Skin Corr. 2: H315 | | | | |
| RTECS # 473-15-4 QJ9698500 I.1 De Me In | REACH Registrat 4 2-Naphthalenemetha decahydro-alpha.,.a (2R,4aR,8aS)- esscription of First Aid easures: | tion No. anol, Ilpha.,4a-trimethyl-8-methylene-, Section 4. Fil | 100.0 % | EC Index No. 610-334-4 NA | Skin Corr. 2: H315 | | | | |
| QJ9698500 I.1 De Me In | 0 decahydroalpha.,.a (2R,4aR,8aS)- escription of First Aid easures: | Ipha.,4a-trimethyl-8-methylene-, Section 4. Fil | | NA | | | | | |
| l.1 De Me In | (2R,4aR,8aS)- escription of First Aid easures: | Section 4. Fi | rst Aid Meas | | Eye Damage 2: H319 | | | | |
| Me In | easures: | | rst Aid Meas | ures | | | | | |
| Me In | easures: | Remove to fresh air. If not bre | | ulc3 | | | | | |
| In | | Remove to fresh air. If not bre | | | | | | | |
| | Case of Inhalation: | Remove to fresh air. If not bre | | | | | | | |
| In | | Get immediate medical attent | Remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. | | | | | | |
| | Case of Skin Contact: | | | vater for at least 1! | 5 minutes. Remove contaminat | | | | |
| | | clothing. Get medical attentio | · · · | | | | | | |
| In | Case of Eye Contact: | - | | - | 5 minutes. Have eyes examine | | | | |
| | , | and tested by medical person | | | · · · · · · · · · · · · · · · · · · · | | | | |
| In | Case of Ingestion: | Wash out mouth with water p | rovided person is c | onscious. Never g | ive anything by mouth to an | | | | |
| | | unconscious person. Get med | dical attention. Do N | NOT induce vomiti | ng unless directed to do so by | | | | |
| | | medical personnel. | | | | | | | |
| | | Section 5. Fire | Fighting Me | asures | | | | | |
| | uitable Extinguishing | Use alcohol-resistant foam, o | | - | l spray. | | | | |
| | edia: | Use water spray to cool fire-e | - | | | | | | |
| | 0 0 | A solid water stream may be | inefficient. | | | | | | |
| | edia: | -Ne data available | | | | | | | |
| | ammable Properties an azards: | D INO data avallable. | | | | | | | |
| 1 la | azai us. | No data available. | | | | | | | |
| EI/ | ash Pt: | No data. | | | | | | | |
| | xplosive Limits: | LEL: No data. | UEL: No d | lata | | | | | |
| | utoignition Pt: | No data. | OLL. NO C | | | | | | |
| | - | | ainad broathing an | aratua propouro d | | | | | |
| 5.3 Fir | re Fighting instructions | As in any fire, wear self-conta equivalent), and full protective | | - | | | | | |



| | | Section 6. Accidental Release Measures |
|-------|------------------------------|---|
| 6.1 | Protective Precautions, | Avoid breathing vapors and provide adequate ventilation. |
| | Protective Equipment and | As conditions warrant, wear a NIOSH approved self-contained breathing apparatus, or respirator, |
| | Emergency Procedures: | and appropriate personal protection (rubber boots, safety goggles, and heavy rubber gloves). |
| 6.2 | Environmental | Take steps to avoid release into the environment, if safe to do so. |
| | Precautions: | |
| 6.3 | Methods and Material For | Contain spill and collect, as appropriate. |
| | Containment and Cleanin | ${f g}$ Transfer to a chemical waste container for disposal in accordance with local regulations. |
| | Up: | |
| | | Section 7. Handling and Storage |
| 7.1 | Precautions To Be Taken | Avoid breathing dust/fume/gas/mist/vapours/spray. |
| | in Handling: | Avoid prolonged or repeated exposure. |
| 7.2 | Precautions To Be Taken | Keep container tightly closed. |
| | in Storing: | Store in accordance with information listed on the product insert. |
| | Sect | ion 8. Exposure Controls/Personal Protection |
| 8.1 | Exposure Parameters: | |
| 8.2 | Exposure Controls: | |
| 8.2.1 | Engineering Controls | Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne |
| | (Ventilation etc.): | levels below recommended exposure limits. |
| 8.2.2 | Personal protection equip | oment: |
| | Eye Protection: | Safety glasses |
| | Protective Gloves: | Compatible chemical-resistant gloves |
| | Other Protective Clothing | :Lab coat |
| | Respiratory Equipment | NIOSH approved respirator, as conditions warrant. |
| | (Specify Type): | |
| | Work/Hygienic/Maintenan | Do not take internally. |
| | ce Practices: | Facilities storing or utilizing this material should be equipped with an eyewash and a safety shower. |
| | | Wash thoroughly after handling. |
| | | No data available. |
| | S | ection 9. Physical and Chemical Properties |
| 9.1 | Information on Basic Phys | sical and Chemical Properties |
| | Physical States: | []Gas []Liquid [X]Solid |
| | Appearance and Odor: | A solid |
| | pH: | No data. |
| | Melting Point: | No data. |
| | Boiling Point: | No data. |
| | Flash Pt: | No data. |
| | Evaporation Rate: | No data. |
| | Flammability (solid, gas): | No data available. |
| | Explosive Limits: | LEL: No data. UEL: No data. |
| | Vapor Pressure (vs. Air or | r mm No data. |
| | Hg): | |
| | Vapor Density (vs. Air = 1 |): No data. |
| | | |
| | | Multi-region format |



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| Percent Volatile: No data. Molecular Formula & Weight: C15H2EO 222.4 Section 10. Stability and Reactivity Interview Section 10. Stability and Reactivity Interview Section 10. Stability and Reactivity Interview Stable [3 Stabl | | Specific Gravity | (Water = 1 | l): I | No data. | | | | | |
|---|--------|-------------------|------------|-----------|-----------------|------------------------|----------------|---------------|-----------------|---------------------|
| Octanol/Water Partition No data. Coefficient: No data. Decomposition Temperature: No data. Decomposition Temperature: No data. 20 Uhter Information Percent Volatile: Percent Volatile: No data. Molecular Formula & Weight: C15H280 22:4 Stability: Units information Percent Volatile: No data available. Stable [1] 0:3 Stability: Unstable [1] 0:4 Stability: Unstable [1] 0:5 Incompatibility - Materials strong oxidizing agents To Avoid: To Avoid: 10:6 Hazardous carbon dioxide Decomposition or carbon monoxide Byproducts: Section 11. Toxicological Information 11.1 Information on The toxicological effects of this product have not been thoroughly studied. Toxicological Effects: beta - Eudesmol - Toxicity Data: Oral Diox (Dioxide) Decomposition or See actual entry in RTECS Numeer Quespace) Deta-Eudesmol EFCCS Number Quespace) Carlingenicity: Visite Cont 12: Cological Information 12: Toxicity: Avoid release into the environment. (2R-4ar,8as): Dectin 12: Cological Information | | Solubility in Wat | er: | I | No data. | | | | | |
| Coefficient: Autolgnition Pt: No data. Decomposition Temperature: No data. Viscosity: No data. Percent Volatile: No data. Molecular Formula & Weight: C1912/800 222.4 Section 10. Stability and Reactivity Image: Stability: No data available. 10.1 Reactivity: No data available. Image: Stability: Other Information Stability Note(s): Stability: Unstable if available. Other Information: Other Information: Percent Volatilie: Stability Note(s): Stability: Not data available. Note(s): | | Solubility Notes: | : | 5 | Soluble (slight | ly) in: MeOH; chlorof | form; | | | |
| Autoignition Pr: No data. Decomposition Temperature: No data. Viscosity: No data. 9.2 Other Information Percent Volatile: No data. Molecular Formula & Weight: C15H280 222.4 Stability: Unstable[] Stability: Visions To Avoid: Vision available. 10.6 Graditions To Avoid: 10.6 Hazardous Carditions To Avoid: Section 11. Toxicological Information 11.1 Information on The toxicological effects of this product have not been thoroughly studied. Toxicological Effects: Only beliet Registry of Toxic Effects of Chemical Substances (RTECS) data is presented here. See actual onity in RTECS for complete information. Lett.=Eudesmol = Toxicity Data: Leffects: Only select Registry of Toxic Effects of Chemical Substances (RTECS) data is presented here. See actual onity in RTECS for complete informatio | | Octanol/Water P | artition | I | No data. | | | | | |
| Decomposition Temperature: No data. Viscosity: No data. Other Information Percent Volatile: No data. Molecular Formula & Weight: C15H260 222.4 Section 10. Stability and Reactivity No data available. Interactivity: No data available. Polymerization: Will occur [] Stability and Reactivity Optimization: Will occur [] Will no occur [] Will no occur [] Optimization: Will occur [] Will no occur [] Will no occur [] Optimization: Will occur [] Will no occur [] Will no occur [] Optimization: Will occur [] Will occur [] Optimization: Will occur [] Will no occur [] Optimization: Will occur [] To Avoid: Optimization: Caliphi () Section 11. Toxicological Information Toxicological Information Toxicological Information Toxicological | | Coefficient: | | | | | | | | |
| Viscosity: No data. 920 Other Information Percent Volatile: No data. Molecular Formula & Weight: C15H260 222.4 Section 10. Stability and Reactivity 10.1 Reactivity: No data available. 122 Stability: Unstable [] Stable [X] 10.3 Stability: Unstable [] Stable [X] 10.4 Conditions To Avoid: No data available. 10.5 Incompatibility - Materials strong oxid/zing agents To Avoid: No data available. 10.6 Hazardous Carbon dioxide Decomposition or carbon monoxide Byproducts: Section 11. Toxicological Information 11.1 Information on Toxicological Effects: .beta -Eudesmol - Toxicoly Data: Oral LD50 (mouse): >2 gm/kg; Chronic Toxicological .beta -Eudesmol - Toxicoly Data: Oral LD50 (mouse): >2 gm/kg; Chronic Toxicological Chronic Toxicological .beta -Eudesmol - Toxicoly Data: Oral LD50 (mouse): >2 gm/kg; Chronic Excosomponents (Chemical Name): .beta -Eudesmol Fine Section 12. Ecological Information. .beta -Eudesmol RTECS Number: Quege9800 Carcinogenicity: NTP: No IARC Monographs? No OSHA Regulated? No CAS# Hazardous Components (Chemical Name): n.a. n.a. | | Autoignition Pt: | | I | No data. | | | | | |
| 9.2 Other Information Percent Voiatile: No data. Molecular Formula & Weight: C15H260 222.4 Section 10. Stability and Reactivity 10.1 Reactivity: No data available. 10.2 Stability: Unstable [] Stable [X] 10.3 Stability: Note(s): Stable if stored in accordance with information listed on the product insert. Polymerization: Will occur [] Will not occur [X] 10.4 Conditions To Avoid: No data available. 10.5 Incompatibility: Materials strong oxidizing agents To Avoid: 10.6 Beacrify agent available. 10.7 Avoid: Carbon dioxide Decompatibility - Materials strong oxidizing agents To Avoid: 10.8 Section 11. Toxicological Information Bygorducts: 11.1 Information monoxide Bygorducts: 11.1 Information The toxicological effects of this product have not been throroughly studied. Toxicological Effects: | | Decomposition 7 | Temperatu | ire: I | No data. | | | | | |
| Percent Volatile: No data. Molecular Formula & Weight: C15H2EO 222.4 Section 10. Stability and Reactivity Interview Section 10. Stability and Reactivity Interview Section 10. Stability and Reactivity Interview Stable [3 Stabl | | Viscosity: | | I | No data. | | | | | |
| Molecular Formula & Weigh: C15H260 22.4 Section 10. Stability and Reactivity 10.1 Reactivity: No data available. 10.2 Stability: Unstable [] Stable [X] 10.3 Stability: Stable if stored in accordance with information listed on the product insert. Polymerization: Will occur [] Will not occur [X] 10.4 Conditions To Avoid: No data available. 10.5 Incompatibility - Materials strong oxidizing agents To Avoid: 10.6 Hazardous carbon dioxide Decomposition or carbon monoxide Byproducts: Section 11. Toxicological Information The toxicological effects of this product have not been thoroughly studied. Toxicological effects: DetaEudesmol - Toxicity Data: Oral LD50 (mouse): >2 gm/kg: Chronic Toxicological - betaEudesmol - Investigated as a dug and natural product. Effects: Only select Registry of Toxic Effects of Chemical Substances (RTECS) data is presented here. See actual entry in RTECS for complete information. Let-Eudesmol - Toxicity Deta: Oral LD60 (mouse): >2 gm/kg: Chronic Toxicological Effects: Only select Registry of Toxic Effects of Chemical Substances (RTECS) data is presented here. See actual entry in RTECS for complete information. Let-Eudesmol - Toxicity Deta: Oral LD60 (mouse): >2 gm/kg: Chronic Toxicological Effects: Number: QJ9608500 Careinegenicity: NTP? No IARC Monographs? No O | 9.2 | Other Information | n | | | | | | | |
| Section 10. Stability and Reactivity 10.1 Reactivity: No data available. 10.2 Stability: Unstable [] Stable [X] 10.3 Stability Note(s): Stable if stored in accordance with information listed on the product insert. Polymerization: Will occur [] 10.4 Conditions To Avoid: No data available. Incompatibility - Materials strong oxidizing agents To Avoid: 10.6 Hazardous carbon dioxide Decomposition or carbon monoxide Section 11. Toxicological Information 11.1 Information on Toxicological Effects: DetaEudesmol - Toxicity Data: Oral LD50 (mouse): >2 gm/kg; Chronic Toxicological betaEudesmol - Investigated as a drug and natural product. Effects: Only select Registry of Toxic Effects of Chemical Substances (RTECS) data is presented here. See actual entry in RTECS for complete information. .betaEudesmol RTECS Number: QJ9688500 Carcinogenicity: NTP IARC ACGIH OSHA Alexandus Components (Chemical Name) NTP IARC ACGH OSHA 473-15-4 Hazardous Components (Chemical Name) N.a. n.a. n.a. n.a. 12 Movid release into the environment. Rundf from fire control or dilution water may cause pollution. | | Percent Volatile: | : | I | No data. | | | | | |
| 10.1 Reactivity: No data available. 10.2 Stability: Unstable [] Stable [X] 10.3 Stability Note(s): Stable if stored in accordance with information listed on the product insert. Polymerization: Will occur [] Will not occur [X] 10.4 Conditions To Avoid: No data available. 10.5 Incompatibility - Materials strong oxidizing agents To Avoid: To Avoid: 10.6 Hazardous carbon monoxide Byproducts: Section 11. Toxicological Information The toxicological effects of this product have not been thoroughly studied. Toxicological Effects: Only select Registry of Toxic Effects of Chemical Substances (RTECS) data is presented here. See actual entry in RTECS for complete information. .beta-Eudesmol RTECS Number: QJ9698500 Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No CACid ACGIH OSHA Areades into the environment. Runoff from fire control or dilution water may cause pollution. Lecological Information 14RC ACGIH OSHA Analytic available. Potential: Question of allotion water may cause pollution. Lecological Information | | Molecular Formu | ula & Weig | ht: (| C15H26O | 222.4 | | | | |
| 10.1 Reactivity: No data available. 10.2 Stability: Unstable [] Stable [X] 10.3 Stability Note(s): Stable if stored in accordance with information listed on the product insert. Polymerization: Will docur [] Will not occur [X] 10.4 Conditions To Avoid: No data available. 10.5 Incompatibility - Materials strong oxidizing agents To Avoid: To Avoid: 10.6 Hazardous carbon monoxide Decomposition or carbon monoxide Byproducts: Section 11. Toxicological Information 11.1 Information on Toxicological Effects: .betaEudesmol - Toxicity Data: Oral LD50 (mouse): >2 gm/kg: Chronic Toxicological ibeta-Eudesmol - Toxicity Data: Oral LD50 (mouse): >2 gm/kg: Chronic Toxicological ibeta-Eudesmol - Toxicity Data: Oral LD50 (mouse): >2 gm/kg: Chronic Toxicological ibeta-Eudesmol - Investigated as a drug and natural product. Effects: Only select Registry of Toxic Effects of Chemical Substances (RTECS) data is presented here. See actual entry in RTECS Number: QJ9698500 Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No CAS # Hazardous Components (Chemical Name) n.a. | | | | Se | ection 10. | Stability and | Reactiv | /itv | | |
| 10.2 Stability: Unstable [] Stable [X] 10.3 Stability Note(s): Stable if stored in accordance with information listed on the product insert. Polymerization: Will occur [] Will not occur [X] 10.4 Conditions To Avoid: No data available. 10.5 Incompatibility - Materials strong oxidizing agents To Avoid: Stability: Materials strong oxidizing agents 10.6 Hazardous carbon dioxide Section 11. Toxicological Information 10.6 Hazardous carbon monoxide Byproducts: Section 11. Toxicological Information 11.1 Information on The toxicological effects of this product have not been thoroughly studied. Toxicological betaEudesmol - Investigated as a drug and natural product. Effects: Only select Registry of Toxic Effects of Chemical Substances (RTECS) data is presented here. See actual entry in RTECS for complete information. Effects: NTP No IARC Monographs? No OSHA Regulated? No CAS# Hazardous Components (Chemical Name) NTP IARC ACGIH OSHA 473-15-4 2-Naphthalenemethanol, decahydro-alphaalpha4a-trimethyl-8-methylene-, (2R.4aR.8aS)- Na.a. n.a. n.a. | 10.1 | Reactivity: | | | | , | | <u> </u> | | |
| Polymerization: Will occur [] Will not occur [X] 10.4 Conditions To Avoid: No data available. 10.5 Incompatibility - Materials strong oxidizing agents To Avoid: Section agents arbon dioxide 10.6 Hazardous carbon dioxide Decomposition or carbon dioxide Section 11. Toxicological Information To Avoid: Section 11. Toxicological Information The toxicological effects of this product have not been thoroughly studied. Toxicological Effects: .betaEudesmol - Toxicity Data: Oral LD50 (mouse): >2 gm/kg; Chronic Toxicological .betaEudesmol - Toxicity Data: Oral LD50 (mouse): >2 gm/kg; Chronic Toxicological effects: .betaEudesmol - Investigated as a drug and natural product. Effects: Only select Registry of Toxic Effects of Chemical Substances (RTECS) data is presented here. .beta -Eudesmol Introx [TP? No IARC Monographs? No OSHA Regulated? No CAS # Hazardous Components (Chemical Name) NTP IARC ACGIH OSHA 473-15-4 2:Naphthalenemethanol, decahydroalphaalphada-trimethyl-8-methylene-, (2R,4aR,8aS)- n.a. n.a. n.a. n.a | 10.2 | Stability: | | Unstable | e[] Stat | ole [X] | | | | |
| 10.4 Conditions To Avoid: No data available. 10.5 Incompatibility - Materials strong oxidizing agents To Avoid: Carbon dioxide 10.6 Hazardous carbon monoxide Byproducts: Section 11. Toxicological Information 11.1 Information on Toxicological Effects: .beta - Eudesmol - Toxicity Data: Oral LD50 (mouse): >2 gm/kg; Chronic Toxicological .beta - Eudesmol - Toxicity Data: Oral LD50 (mouse): >2 gm/kg; Chronic Toxicological .beta - Eudesmol - Toxicity Data: Oral LD50 (mouse): >2 gm/kg; Chronic Toxicological .beta - Eudesmol - Toxicity Data: Oral LD50 (mouse): >2 gm/kg; Chronic Toxicological effects .beta - Eudesmol - Toxicity Data: Oral LD50 (mouse): >2 gm/kg; Chronic Toxicological is presented here. See actual entry in RTECS for complete information. .beta - Eudesmol RTECS Number: QJ9698500 Cas # Hazardous Components (Chemical Name) NTP IARC ACGIH OSHA 473-15-4 2-Naphthalenemethanol, decahydroalphaalpha4a-trimethyl-8-methylene-, (2R.4aR.BaS)- n.a. n.a. n.a. n.a. Incoin 12. Ecological Information Incoin 12. Ecological Information Incoin 12. Ecological Information Incoin fire control or dilution | 10.3 | Stability Note(s) | : | Stable if | f stored in acc | ordance with informa | ation listed o | n the product | insert. | |
| 10.5 Incompatibility - Materials strong oxidizing agents To Avoid: 10.6 Hazardous carbon dioxide Decomposition or carbon monoxide Byproducts: Section 11. Toxicological Information 11.1 Information on Toxicological Effects: .betaEudesmol - Toxicity Data: Oral LD50 (mouse): >2 gm/kg: Chronic Toxicological Chronic Toxicological .betaEudesmol - Investigated as a drug and natural product. Effects: Only select Registry of Toxic Effects of Chemical Substances (RTECS) data is presented here. See actual entry in RTECS for complete information. betaEudesmol RTECS Number: QJ9698500 Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No CAS # Hazardous Components (Chemical Name) NTP IARC ACGIH OSHA 473-15-4 2:Naphthalenemethanol, decahydro.alphaalpha.4a-trimethyl-8-methylene-, (2R,4aR,8aS)- n.a. n.a. n.a. Section 12. Ecological Information 12.1 Toxicity: Avoid release into the environment. Runoff from fire control or dilution water may cause pollution. 12.2 Persistence and Degradability: 13 Bioaccumulative No data available. Degradability: No data available. | | Polymerization: | , | Will occ | ur[] Wil | I not occur [X] | | | | |
| To Avoid: carbon dioxide 10.6 Hazardous carbon monoxide Byproducts: Carbon monoxide Septoducts: Section 11. Toxicological Information 11.1 Information on The toxicological effects of this product have not been thoroughly studied. Toxicological Effects: .beta - Eudesmol - Toxicity Data: Oral LD50 (mouse): >2 gm/kg; Chronic Toxicological .beta - Eudesmol - Toxicity Data: Oral LD50 (mouse): >2 gm/kg; Chronic Toxicological .beta - Eudesmol - Toxicity Data: Oral LD50 (mouse): >2 gm/kg; Chronic Toxicological .beta - Eudesmol - Toxicity Data: Oral LD50 (mouse): >2 gm/kg; Chronic Toxicological .beta - Eudesmol - Toxicity Data: Oral LD50 (mouse): >2 gm/kg; Chronic Toxicological .beta - Eudesmol - Toxicity Data: Oral LD50 (mouse): >2 gm/kg; Chronic Toxicological .beta - Eudesmol - Toxicity In RTECS for complete information. .beta - Eudesmol RTECS Number: QJ9698500 .beta - Eudesmol RTECS Number: QJ9698500 CAS # Hazardous Components (Chemical Name) NTP IARC ACGIH OSHA 473-15-4 2-Naphthalenemethanol, decahydro: alpha., 4a-trimethyl-8-methylene-, (2R, 4aR, 8aS)- n.a. n.a. n.a. n.a. Section 12. Ecologica | 10.4 | Conditions To A | void: | No data | available. | | | | | |
| 10.6 Hazardous Decomposition or Byproducts: carbon monoxide carbon monoxide Section 11. Toxicological Information The toxicological effects of this product have not been thoroughly studied. Toxicological Effects: .betaEudesmol - Toxicity Data: Oral LD50 (mouse): >2 gm/kg; Chronic Toxicological Effects: .betaEudesmol - Investigated as a drug and natural product. Effects: Only select Registry of Toxic Effects of Chemical Substances (RTECS) data is presented here. See actual entry in RTECS for complete information. .betaEudesmol RTECS for complete information. decahydroalpha.,alpha.,4a-trimethyl-8-methylene-, (2R,4aR,8aS)- NTP? No IARC Monographs? No OSHA Regulated? No Section 12. Ecological Information 11.1 toxicity: Avoid release into the environment. Runoff from fire control or dilution water may cause pollution. Section 12. Ecological Information 12.1 Toxicity: Avoid release into the environment. Runoff from fire control or dilution water may cause pollution. 12.2 Persistence and Degradability: No data available. Potential: 12.4 Mobility in Soil: No data available. Potential: 12.4 Mobility in Soil: No data available. Potential: 12.4 Mobility in Soil: No data available. Potential: | 10.5 | Incompatibility - | Materials | strong o | xidizing agent | ts | | | | |
| Decomposition or Byproducts: Carbon monoxide Section 11. Toxicological Information 11.1 Information on Toxicological Effects: .betaEudesmol - Toxicity Data: Oral LD50 (mouse): >2 gm/kg; Chronic Toxicological .betaEudesmol - Investigated as a drug and natural product. Effects: Only select Registry of Toxic Effects of Chemical Substances (RTECS) data is presented here. See actual entry in RTECS for complete information. .betaEudesmol RTECS Number: QJ9698500 CAS # Hazardous Components (Chemical Name) NTP IARC ACGIH OSHA 473-15-4 2-Naphthalenemethanol, decahydroalpha.,.alpha.,4a-trimethyl-8-methylene-, (2R,4aR,8aS)- n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a. Section 12. Ecological Information. LEFersistence and Degradability: No data available. 12.1 Toxicity: No data available. Potential: 12.4 Mobility in Soil: No data available. Potential: 12.4 Mobility in Soil: No data available. Issuesment: | | To Avoid: | | | | | | | | |
| Byproducts: Section 11. Toxicological Information Information on The toxicological effects of this product have not been thoroughly studied. Toxicological Effects: .betaEudesmol - Toxicity Data: Oral LD50 (mouse): >2 gm/kg; Chronic Toxicological .betaEudesmol - Investigated as a drug and natural product. Effects: Only select Registry of Toxic Effects of Chemical Substances (RTECS) data is presented here. See actual entry in RTECS for complete information. .betaEudesmol RTECS Number: QJ9698500 Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No CAS # Hazardous Components (Chemical Name) NTP IARC ACGIH OSHA decahydro.alpha.,.alpha.,4a-trimethyl-8-methylene-, (2R,4aR,8aS)- n.a. n.a. n.a. n.a. n.a. Section 12. Ecological Information Leristence and No data available. Degradability: 12.9 Persistence and No data available. Potential: No data available. Potential: 12.4 Mobility in Soil: No data available. Secutor of PBT and vPvB No data available. assessment: | 10.6 | Hazardous | | carbon o | dioxide | | | | | |
| Section 11. Toxicological Information 11.1 Information on The toxicological effects of this product have not been thoroughly studied. Toxicological Effects: .betaEudesmol - Toxicity Data: Oral LD50 (mouse): >2 gm/kg; Chronic Toxicological .betaEudesmol - Toxicity Data: Oral LD50 (mouse): >2 gm/kg; Chronic Toxicological .betaEudesmol - Investigated as a drug and natural product. Effects: Only select Registry of Toxic Effects of Chemical Substances (RTECS) data is presented here. See actual entry in RTECS for complete information. .betaEudesmol RTECS Number: QJ9698500 CAS # Hazardous Components (Chemical Name) NTP IARC ACGIH OSHA 473-15-4 2-Naphthalenemethanol, decahydroalpha,alpha.,4a-trimethyl-8-methylene-, (2R,4aR,8aS)- n.a. n.a. n.a. n.a. n.a. Section 12. Ecological Information 12.1 Toxicity: Avoid release into the environment. Runoff from fire control or dilution water may cause pollution. 12.2 Persistence and No data available. Degradability: 12.3 Bioaccumulative No data available. Potential: 12.4 Mobility in Soil: No data available. 12.5 Results of P | | Decomposition of | or | carbon ı | monoxide | | | | | |
| 11.1 Information on Toxicological Effects: The toxicological effects of this product have not been thoroughly studied. 11.1 Information on Toxicological Effects: .betaEudesmol - Toxicity Data: Oral LD50 (mouse): >2 gm/kg; Chronic Toxicological .betaEudesmol - Investigated as a drug and natural product. Effects: Only select Registry of Toxic Effects of Chemical Substances (RTECS) data is presented here. See actual entry in RTECS for complete information. .betaEudesmol RTECS Number: QJ9698500 Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No CAS # Hazardous Components (Chemical Name) NTP IARC ACGIH OSHA 473-15-4 2-Naphthalenemethanol, decahydroalpha.,.alpha4a-trimethyl-8-methylene-, (2R,4aR,8aS)- n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a. Section 12. Ecological Information Section 12. Ecological Information Section 12. Ecological Information Interview of data available. Degradability: No data available. 12.1 Postential: No data available. Interview of PBT and vPVB No data available. 12.5 Results of PBT and vPVB No data available. | | Byproducts: | | | | | | | | |
| 11.1 Information on Toxicological Effects: The toxicological effects of this product have not been thoroughly studied. 11.1 Information on Toxicological Effects: .betaEudesmol - Toxicity Data: Oral LD50 (mouse): >2 gm/kg; Chronic Toxicological .betaEudesmol - Investigated as a drug and natural product. Effects: Only select Registry of Toxic Effects of Chemical Substances (RTECS) data is presented here. See actual entry in RTECS for complete information. .betaEudesmol RTECS Number: QJ9698500 Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No CAS # Hazardous Components (Chemical Name) NTP IARC ACGIH OSHA 473-15-4 2-Naphthalenemethanol, decahydroalpha.,.alpha4a-trimethyl-8-methylene-, (2R,4aR,8aS)- n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a. Section 12. Ecological Information Section 12. Ecological Information Section 12. Ecological Information Interview of data available. Degradability: No data available. 12.1 Postential: No data available. Interview of PBT and vPVB No data available. 12.5 Results of PBT and vPVB No data available. | | | | Sec | ction 11. | Toxicological | Informa | ition | | |
| Chronic Toxicological betaEudesmol - Investigated as a drug and natural product. Effects: Only select Registry of Toxic Effects of Chemical Substances (RTECS) data is presented here. See actual entry in RTECS for complete information. .betaEudesmol RTECS Number: QJ9698500 Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No CAS # Hazardous Components (Chemical Name) NTP IARC ACGIH OSHA 473-15-4 2-Naphthalenemethanol, decahydroalpha.,.alpha.,4a-trimethyl-8-methylene-, (2R,4aR,8aS)- n.a. n.a. n.a. n.a. n.a. Section 12. Ecological Information Investigated as a vailable. Degradability: Avoid release into the environment. Runoff from fire control or dilution water may cause pollution. Investigate set is the environment. 12.2 Persistence and Degradability: No data available. Investigate set is the environment. 12.3 Bioaccumulative Rotortal: No data available. Investigate set is the environment. Investigate set is the environment. Ecological Information Section 12. Ecological Information. Section 12. Ecological Information. Section 12. Ecological Information. | 11.1 | Information on | | | | | | | udied. | |
| Effects: Only select Registry of Toxic Effects of Chemical Substances (RTECS) data is presented here. See actual entry in RTECS for complete information. .betaEudesmol RTECS Number: QJ9698500 Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No CAS # Hazardous Components (Chemical Name) NTP IARC ACGIH OSHA 473-15-4 2-Naphthalenemethanol, decahydroalpha.,.alpha.,4a-trimethyl-8-methylene-, (2R,4aR,8aS)- n.a. N.a. <th></th> <th>Toxicological Ef</th> <th></th> <th></th> <th>-</th> <th>-</th> <th></th> <th></th> <th></th> <th></th> | | Toxicological Ef | | | - | - | | | | |
| See actual entry in RTECS for complete information. .betaEudesmol RTECS Number: QJ9698500 Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No CAS # Hazardous Components (Chemical Name) NTP IARC ACGIH OSHA 473-15-4 2-Naphthalenemethanol, decahydro.alpha.,alpha.,4a-trimethyl-8-methylene-, (2R,4aR,8aS)- n.a. | | Chronic Toxicol | ogical | .betaE | udesmol - Inv | estigated as a drug a | and natural p | product. | | |
| Deta - Eudesmol RTECS Number: QJ9698500 Carcinogenicity: NTP? No ARC Monographs? No OSHA Regulated? No CAS # Hazardous Components (Chemical Name) NTP IARC ACGIH OSHA 473-15-4 2-Naphthalenemethanol, decahydroalpha.,.alpha.,4a-trimethyl-8-methylene-, (2R,4aR,8aS)- n.a. N.a. </th <th></th> <th>Effects:</th> <th>-</th> <th>Only sel</th> <th>lect Registry o</th> <th>of Toxic Effects of Ch</th> <th>emical Subs</th> <th>stances (RTE</th> <th>CS) data is pre</th> <th>sented here.</th> | | Effects: | - | Only sel | lect Registry o | of Toxic Effects of Ch | emical Subs | stances (RTE | CS) data is pre | sented here. |
| Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No CAS # Hazardous Components (Chemical Name) NTP IARC ACGIH OSHA 473-15-4 2-Naphthalenemethanol, decahydro-alpha.,alpha,4a-trimethyl-8-methylene-, (2R,4aR,8aS)- n.a. | | | | See act | ual entry in R1 | TECS for complete in | formation. | | | |
| CAS # Hazardous Components (Chemical Name) NTP IARC ACGIH OSHA 473-15-4 2-Naphthalenemethanol, decahydroalpha.,.alpha.,4a-trimethyl-8-methylene-, (2R,4aR,8aS)- n.a. n.a. n.a. n.a. n.a. Section 12. Ecological Information Information Information Information Section 12. Ecological Information | | | | .betaE | udesmol RTE | CS Number: QJ9698 | 3500 | | | |
| 473-15-4 2-Naphthalenemethanol, decahydroalpha.,.alpha.,4a-trimethyl-8-methylene-, (2R,4aR,8aS)- n.a. n.a. n.a. n.a. n.a. Section 12. Ecological Information 12.1 Toxicity: Avoid release into the environment. Runoff from fire control or dilution water may cause pollution. 12.2 Persistence and No data available. Degradability: 12.3 Bioaccumulative No data available. Potential: 12.4 Mobility in Soil: No data available. Degrand vPvB No data available. 12.5 Results of PBT and vPvB No data available. assessment: | Carcir | nogenicity: | | NTP? N | IO IARC I | Nonographs? No | OSHA Re | gulated? No | | |
| decahydroalpha.,.alpha.,4a-trimethyl-8-methylene-, (2R,4aR,8aS)- Image: Constraint of the environment, and the environment. Section 12. Ecological Information 12.1 Toxicity: Avoid release into the environment. Runoff from fire control or dilution water may cause pollution. 12.2 Persistence and Degradability: No data available. No data available. 12.3 Bioaccumulative Potential: No data available. No data available. 12.4 Mobility in Soil: No data available. No data available. 12.5 Results of PBT and vPvB No data available. No data available. | CAS | # Hazard | ous Comp | onents | (Chemical Na | ame) | NTP | IARC | ACGIH | OSHA |
| (2R,4aR,8aS)- Section 12. Ecological Information Section 12. Ecological Information 12.1 Toxicity: Avoid release into the environment. Runoff from fire control or dilution water may cause pollution. 12.2 Persistence and Degradability: No data available. No data available. 12.3 Bioaccumulative Potential: No data available. 12.4 Mobility in Soil: No data available. 12.5 Results of PBT and vPvB No data available. Available. 12.5 Results of PBT and vPvB No data available. Available. | 473 | 3-15-4 2-Naph | thalenemet | thanol, | | | n.a. | n.a. | n.a. | n.a. |
| Section 12. Ecological Information Section 12. Ecological Information 12.1 Toxicity: Avoid release into the environment. Runoff from fire control or dilution water may cause pollution. 12.2 Persistence and Degradability: No data available. Degradability: 12.3 Bioaccumulative Potential: No data available. 12.4 Mobility in Soil: No data available. 12.5 Results of PBT and vPvB No data available. assessment: | | | | ,.alpha., | 4a-trimethyl-8 | -methylene-, | | | | |
| 12.1 Toxicity: Avoid release into the environment. Runoff from fire control or dilution water may cause pollution. 12.2 Persistence and Degradability: No data available. 12.3 Bioaccumulative Potential: No data available. 12.4 Mobility in Soil: No data available. 12.5 Results of PBT and vPvB assessment: No data available. | | (2R,4aF | R,8aS)- | | | | | | | |
| 12.2 Persistence and Degradability: No data available. 12.3 Bioaccumulative Potential: No data available. 12.4 Mobility in Soil: No data available. 12.5 Results of PBT and vPvB No data available. | | | | Se | ection 12 | . Ecological Ir | nformati | on | | |
| 12.2 Persistence and Degradability: No data available. 12.3 Bioaccumulative Potential: No data available. 12.4 Mobility in Soil: No data available. 12.5 Results of PBT and vPvB No data available. assessment: Volta available. | 12.1 | Toxicity: | | Avoid re | elease into the | environment. | | | | |
| Degradability: 12.3 Bioaccumulative No data available. Potential: No data available. 12.4 Mobility in Soil: No data available. 12.5 Results of PBT and vPvB No data available. assessment: Volta available. | | | | Runoff f | rom fire contro | ol or dilution water m | ay cause po | ollution. | | |
| 12.3 Bioaccumulative No data available. Potential: No data available. 12.4 Mobility in Soil: No data available. 12.5 Results of PBT and vPvB No data available. assessment: No data available. | 12.2 | Persistence and | | No data | available. | | | | | |
| Potential: 12.4 Mobility in Soil: No data available. 12.5 Results of PBT and vPvB No data available. assessment: No data available. | | Degradability: | | | | | | | | |
| 12.4 Mobility in Soil: No data available. 12.5 Results of PBT and vPvB No data available. assessment: No data available. | 12.3 | Bioaccumulative | • | No data | available. | | | | | |
| 12.5 Results of PBT and vPvB No data available. assessment: | | Potential: | | | | | | | | |
| assessment: | 12.4 | Mobility in Soil: | | No data | available. | | | | | |
| assessment: | 12.5 | Results of PBT a | and vPvB | No data | available. | | | | | |
| | | assessment: | | | | | | | | |
| 12.6 Other adverse effects: No data available. | 12.6 | Other adverse ef | ffects: | No data | available. | | | | | |
| NA-141 | | | | | | | | | Ν | Iulti-region format |
| | | | | | | | | | N | |

Cayman

SAFETY DATA SHEET .beta.-Eudesmol

Revision: 08/18/2018

Page: 5 of 5

| 13.1 Waste | | Section 13. Dispos | | 10113 | |
|------------------------------|--|--|---|-----------------|-----------------|
| IS.I Waste | Disposal Method: | Dispose in accordance with loca | l, state, and federal r | egulations. | |
| | | Section 14. Trans | sport Informat | ion | |
| 14.1 LAND | TRANSPORT (US | DOT): | | | |
| DOT Prop | er Shipping Name | : Not dangerous goods. | | | |
| DOT Haza | rd Class: | | | | |
| UN/NA Nu | mber: | | | | |
| | TRANSPORT (Eur | opean ADR/RID): | | | |
| | Shipping Name: | Not dangerous goods. | | | |
| UN Numb Hazard Cl | | | | | |
| | | 1474). | | | |
| | ANSPORT (ICAO/ A Shipping Name: | • | | | |
| Additional Tra | | Not dangerous goods. Transport in accordance with loo | cal state and federa | l regulations | |
| Information: | | Transport in accordance with 100 | שלו | การรุนเฉแบบร. | |
| | | Section 15 Decul | oton / Information | tion | |
| | | Section 15. Regul | • | lion | |
| - | - | nents and Reauthorization Act o | - | 0.004.00 | |
| CAS # 473-15-4 | 2-Naphthalenem | ponents (Chemical Name) | S. 302 (EHS) | S. 304 RQ | S. 313 (TRI) |
| 473-15-4 | · · | a.,.alpha.,4a-trimethyl-8-methylen | | No | NO |
| CAS # | Hazardous Com | ponents (Chemical Name) | Other US EPA or \$ | Lists | ł |
| 473-15-4 | 2-Naphthalenem decahydroalpha e-, (2R,4aR,8aS) | a.,.alpha.,4a-trimethyl-8-methylen | CAA HAP,ODC: No Inventory; CA PRO | | No; TSCA: Yes - |
| | ormation | This SDS was prepared in accor No.1272/2008. | rdance with 29 CFR ² | 1910.1200 and R | egulation (EC) |
| Regulatory Inf Statement: | | | | | |
| • | | Section 16. Oth | er Information | า | |
| Statement: | | Section 16. Oth 08/18/2018 | er Information | า | |
| Statement: Revision Date | : prmation About | | er Information | า | |
| Statement: Revision Date | - | 08/18/2018 | er Information | <u>ז</u> | |

Multi-region format