

# SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

**Product:** DAVINIA FRAGRANCE MOD 401238

**Version:** 22

## Section 1. Identification of the substance or the mixture and of the supplier

### 1.1 Product Identifier

**Product identifier:** DAVINIA FRAGRANCE MOD 401238 (Contains:4-TERT-BUTYLCYCLOHEXYL ACETATE, COUMARIN, GERANIOL, HEXYL CINNAMAL)

**Other identifiers:** None

### 1.2 Relevant identified uses of the substance of mixture and uses advised against

**Product uses:** Fragrances

### 1.3 Details of the supplier of the safety data sheet

## Section 2. Hazards identification

### 2.1 Classification of the substance or mixture

#### **Classification under Regulation (EC) No 1272/2008**

**Class and category of danger:** Skin Corrosion / Irritation Category 2  
Eye Damage / Irritation Category 1  
Sensitization - Skin Category 1  
Hazardous to the Aquatic Environment - Long-term Hazard Category 2  
H315, Causes skin irritation.  
H317, May cause an allergic skin reaction.  
H318, Causes serious eye damage.  
H411, Toxic to aquatic life with long lasting effects.

### 2.2 Label elements

#### **Classification under Regulation (EC) No 1272/2008**

**Signal word:** Danger

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**Hazard statements:** H315, Causes skin irritation.  
H317, May cause an allergic skin reaction.  
H318, Causes serious eye damage.  
H411, Toxic to aquatic life with long lasting effects.

**Supplemental Information:** EUH208, Contains (E)-1-(2,6,6-TRIMETHYL-1,3-CYCLOHEXADIEN-1-YL)-2-BUTEN-1-ONE, 1-CYCLOPROPYLMETHYL-4-METHOXYBENZENE, 2,4-DIMETHYL-3-CYCLOHEXENE CARBOXALDEHYDE, ALLYLANISOLE, ALPHA-ISOMETHYL IONONE, BENZYL SALICYLATE, CITRONELLOL, EUGENOL, LINALOOL, TETRAHYDROLINALOOL, UNDEC-10-ENAL, UNDEC-9(10)-ENAL. May produce an allergic reaction.

**Precautionary statements:** P261, Avoid breathing vapour or dust.  
P264, Wash hands and other contacted skin thoroughly after handling.  
P272, Contaminated work clothing should not be allowed out of the workplace.  
P273, Avoid release to the environment.  
P280, Wear protective gloves/eye protection/face protection.  
P302/352, IF ON SKIN: Wash with plenty of soap and water.  
P305/351/338, IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P310, Immediately call a POISON CENTER or doctor/physician.  
P333/313, If skin irritation or rash occurs: Get medical advice/attention.  
P362, Take off contaminated clothing and wash before reuse.  
P391, Collect spillage.  
P501, Dispose of contents/container to approved disposal site, in accordance with local regulations.

**Pictograms:**



### 2.3 Other hazards

**Other hazards:** Sensitisers declared on a CLP Hazard Label: (E)-1-(2,6,6-TRIMETHYL-1,3-CYCLOHEXADIEN-1-YL)-2-BUTEN-1-ONE, 1-CYCLOPROPYLMETHYL-4-METHOXYBENZENE, 2,4-DIMETHYL-3-CYCLOHEXENE CARBOXALDEHYDE, ALLYLANISOLE, ALPHA-ISOMETHYL IONONE, BENZYL SALICYLATE, CITRONELLOL, EUGENOL, LINALOOL, TETRAHYDROLINALOOL, UNDEC-10-ENAL, UNDEC-9(10)-ENAL

Hydrocarbon Concentration %: 0.000%

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### Section 3. Composition / information on ingredients

#### 3.2 Mixtures

##### Contains:

| Name  | CAS  | EC  | REACH Registration No. | %       | Classification for (CLP) 1272/2008  | Specific Conc. Limits, M-factors and ATEs             |
|---|--|---|------------------------|---------|-------------------------------------|---|
| HEXYL CINNAMAL  | 101-86-0   | 202-983-3   |                        | 5-<10%  | SS 1B-EH A1-EH C2; H317-H400-H411,- | oral: ATE = 3100 mg/kg bw                             |
| 4-TERT-BUTYLCYCLOHEXYL ACETATE                                  | 32210-23-4   | 250-954-9   | 01-2119976286-24-xxxx  | 5-<10%  | SS 1B;H317,-                        | oral: ATE = 3370 mg/kg bw                             |
| COUMARIN  | 91-64-5  | 202-086-7   |                        | 5-<10%  | ATO 4-SS 1B-EH C3; H302-H317-H412,- | oral: ATE = 500 mg/kg bw                              |
| PHENETHYL ALCOHOL   | 60-12-8  | 200-456-2   | 01-2119963921-31-xxxx  | 5-<10%  | ATO 4-EDI 2;H302-H319,-             | dermal: ATE = 2500 mg/kg bw-oral: ATE = 1610 mg/kg bw |
| GERANIOL  | 106-24-1   | 203-377-1   | 01-2119552430-49-xxxx  | 5-<10%  | SCI 2-EDI 1-SS 1; H315-H317-H318,-  | oral: ATE = 3600 mg/kg bw                             |
| CITRONELLOL   | 106-22-9,<br>1117-61-9,<br>26489-01-0,<br>6812-78-8,<br>141-25-3,<br>7540-51-4 | 203-375-0,<br>214-250-5,<br>247-737-6,<br>229-887-4,<br>205-473-9,<br>231-415-7 | 01-2119453995-23-xxxx  | 5-<10%  | SCI 2-EDI 2-SS 1B; H315-H317-H319,- | dermal: ATE = 2650 mg/kg bw-oral: ATE = 3450 mg/kg bw |
| 1,3,4,6,7,8-HEXAHYDRO-4,6,6,7,8,8-HEXAMETHYLINDENO [5,6-C]PYRAN | 1222-05-5  | 214-946-9   | 01-2119488227-29-xxxx  | 1-<5%   | EH A1-EH C1;H410,-                  |   |
| ALPHA-ISOMETHYL IONONE  | 127-51-5   | 204-846-3   |                        | 1-<5%   | SS 1B-EH C2;H317-H411,-             |   |
| TRICHLOROMETHYL PHENYL CARBINYL ACETATE                         | 90-17-5  | 201-972-0   | 01-2119929625-31-xxxx  | 1-<5%   | EH C2;H411,-                        |   |
| BENZYL ACETATE  | 140-11-4   | 205-399-7   |                        | 1-<5%   | EH C3;H412,-                        | oral: ATE = 2490 mg/kg bw                             |
| BENZYL SALICYLATE   | 118-58-1   | 204-262-9   |                        | 1-<5%   | SS 1B-EH C3;H317-H412,-             | oral: ATE = 2200 mg/kg bw                             |
| EUGENOL   | 97-53-0  | 202-589-1   |                        | 1-<5%   | EDI 2-SS 1B;H317-H319,-             | oral: ATE = 2500 mg/kg bw                             |
| LINALOOL  | 78-70-6  | 201-134-4   | 01-2119474016-42-xxxx  | 1-<5%   | SCI 2-EDI 2-SS 1B; H315-H317-H319,- | oral: ATE = 2790 mg/kg bw                             |
| TETRAHYDROLINALOL   | 78-69-3  | 201-133-9   | 01-2119454788-21-xxxx  | 1-<5%   | SCI 2-EDI 2-SS 1B; H315-H317-H319,- |   |
| PHENYLETHYL ACETATE   | 103-45-7   | 203-113-5   |                        | 1-<5%   | EDI 1;H318,-                        | oral: ATE = 2500 mg/kg bw                             |
| METHYL ALPHA-IONONE ISOMERS                                     | 1335-46-2  | 215-635-0   |                        | 1-<5%   | SCI 2-EH C2;H315-H411,-             |   |
| ETHYL TRIMETHYLCYCLOPENTENE BUTENOL                             | 106185-75-5,<br>28219-61-6   | 701-122-3,<br>248-908-8   | 01-2119529224-45-xxxx  | 1-<5%   | EDI 2-EH C2;H319-H411,-             |   |
| TETRAHYDRO-METHYL-(METHYLPROPYL)-PYRAN-4-OL                     | 63500-71-0   | 405-040-6   | 01-0000015458-64-xxxx  | 1-<5%   | EDI 2;H319,-                        |   |
| UNDEC-10-ENAL   | 112-45-8   | 203-973-1   | 01-2119990746-20-xxxx  | 1-<5%   | SS 1B-EH C3;H317-H412,-             |   |
| UNDECANAL   | 112-44-7   | 203-972-6   |                        | 0.1-<1% | SCI 2-EH A1-EH C2; H315-H400-H411,- |   |

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|   |                        |                                 |                       |         |  |   |
|---|------------------------|---------------------------------|-----------------------|---------|--|---|
| AMYL SALICYLATE   | 2050-08-0              | 218-080-2                       |                       | 0.1-<1% | ATO 4-EH A1-EH C1; H302-H410,-                                       | oral: ATE = 2000 mg/kg bw   |
| DIPHENYL ETHER  | 101-84-8               | 202-981-2                       |                       | 0.1-<1% | EDI 2-EH A1-EH C3; H319-H400-H412,-                                  | oral: ATE = 2830 mg/kg bw   |
| TETRAHYDRO-4-METHYL-2-(2-METHYLPROP-1-ENYL)PYRAN                                  | 16409-43-1             | 240-457-5                       |                       | 0.1-<1% | SCI 2-EDI 2-REP 2; H315-H319-H361,-                                  | oral: ATE = 4300 mg/kg bw   |
| 1-CYCLOPROPYLMETHYL-4-METHOXYBENZENE  | 16510-27-3             | 444-110-0                       | 01-0000018728-58-xxxx | 0.1-<1% | EDI 2-SS 1B-EH C2; H317-H319-H411,-                                  |   |
| REACTION MASS OF ALLYL (2-METHYLBUTOXY) ACETATE & ALLYL (3-METHOXYBUTOXY) ACETATE | 67634-00-8, 67634-01-9 | 266-803-5, 266-804-0, 916-328-0 |                       | 0.1-<1% | ATO 4-ATD 4-ATI 2-EH A1;H302-H312-H330-H400,-                        | inhalation: ATE = 0.46 mg/l (dusts or mists)-<br>dermal: ATE = 1100 mg/kg bw-oral: ATE = 500 mg/kg bw |
| ALLYLANISOLE  | 140-67-0               | 205-427-8                       |                       | 0.1-<1% | ATO 4-SCI 2-SS 1B-MUT 2-CAR 2-EH C3; H302-H315-H317-H341-H351-H412,- | oral: ATE = 1230 mg/kg bw   |
| ALPHA-CEDRENE   | 469-61-4               | 207-418-4                       |                       | 0.1-<1% | SCI 2-AH 1-EH A1-EH C1;H304-H315-H410,-                              | M = 10-M = 10   |
| UNDEC-9(10)-ENAL  | 1337-83-3              | 941-821-2                       | 01-2120065933-50-xxxx | 0.1-<1% | ATI 4-SCI 2-EDI 2-SS 1B-EH C3;H315-H317-H319-H332-H412,-             | inhalation: ATE = 1.5 mg/l (dusts or mists)   |
| 2,4-DIMETHYL-3-CYCLOHEXENE CARBOXALDEHYDE   | 68039-49-6             | 268-264-1                       |                       | 0.1-<1% | SCI 2-EDI 2-SS 1B-EH C2;H315-H317-H319-H411,-                        | oral: ATE = 3900 mg/kg bw   |
| P-CRESYL METHYLETHER  | 104-93-8               | 203-253-7                       |                       | 0.1-<1% | ATO 4-SCI 2-REP 2; H302-H315-H361,-                                  | oral: ATE = 1900 mg/kg bw   |
| (E)-1-(2,6,6-TRIMETHYL-1,3-CYCLOHEXADIEN-1-YL)-2-BUTEN-1-ONE                      | 23726-93-4             | 245-844-2                       | 01-2120105798-49-xxxx | <0.1%   | SCI 2-SS 1A-EH C2; H315-H317-H411,-                                  | dermal: ATE = 2900 mg/kg bw   |

### Substances with Community workplace exposure limits:

| Name              | CAS      | EC        | REACH Registration No. | %       | Classification for (CLP) 1272/2008  | Specific Conc. Limits, M-factors and ATEs |
|-------------------|----------|-----------|------------------------|---------|-------------------------------------|---|
| DIETHYL PHTHALATE | 84-66-2  | 201-550-6 | 01-2119486682-27-xxxx  | 1-<5%   | -;-,-                               |   |
| DIPHENYL ETHER    | 101-84-8 | 202-981-2 |                        | 0.1-<1% | EDI 2-EH A1-EH C3; H319-H400-H412,- | oral: ATE = 2830 mg/kg bw                 |

### Substances that are endocrine disruptors according to Regulation (EU) 2017/2100 or Regulation (EU) 2018/605, greater than 0.1%:

Not Applicable

### Substances that are persistent, bioaccumulative and toxic or very persistent and very bioaccumulative, greater than 0.1%:

Not Applicable

## Section 4. First-aid measures

### 4.1 Description of first aid measures

**Inhalation:** Remove from exposure site to fresh air, keep at rest, and obtain medical attention.

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**Eye exposure:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**Skin exposure:** IF ON SKIN: Wash with plenty of soap and water.

**Ingestion:** Rinse mouth with water and obtain medical attention.

## 4.2 Most important symptoms and effects, both acute and delayed

Causes skin irritation.

May cause an allergic skin reaction.

Causes serious eye damage.

## 4.3 Indication of any immediate medical attention and special treatment needed

None expected, see Section 4.1 for further information.

## Section 5: Firefighting measures

### 5.1 Extinguishing media

Suitable media: Carbon dioxide, Dry chemical, Foam.

### 5.2 Special hazards arising from the substance or mixture

In case of fire, may be liberated: Carbon monoxide, Unidentified organic compounds.

### 5.3 Advice for fire fighters:

In case of insufficient ventilation, wear suitable respiratory equipment.

## Section 6. Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures:

Avoid inhalation. Avoid contact with skin and eyes. See protective measures under Section 7 and 8.

### 6.2 Environmental precautions:

Keep away from drains, surface and ground water, and soil.

### 6.3 Methods and material for containment and cleaning up:

Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Contain spillage immediately by use of sand or inert powder. Dispose of according to local regulations.

### 6.4 Reference to other sections:

Also refer to sections 8 and 13.

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### Section 7. Handling and storage

#### 7.1 Precautions for safe handling:

Keep away from heat, sparks, open flames and hot surfaces. - No smoking. Use personal protective equipment as required. Use in accordance with good manufacturing and industrial hygiene practices. Use in areas with adequate ventilation. Do not eat, drink or smoke when using this product.

#### 7.2 Conditions for safe storage, including any incompatibilities:

Store in a well-ventilated place. Keep container tightly closed. Keep cool. Ground/bond container and receiving equipment. Use explosion-proof electrical, ventilating and lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

#### 7.3 Specific end use(s):

Fragrances: Use in accordance with good manufacturing and industrial hygiene practices.

### Section 8. Exposure controls/personal protection

#### 8.1 Control parameters

Workplace exposure limits:

| Ingredient        | CAS      | EC        | Description   | Value                |
|-------------------|----------|-----------|---|----------------------|
| DIETHYL PHTHALATE | 84-66-2  | 201-550-6 | UK Long-term exposure limit (8-hour TWA) (mg/m <sup>3</sup> ) | 5 mg/m <sup>3</sup>  |
|                   |          |           | UK Short-term exposure limit (15-minute) (mg/m <sup>3</sup> ) | 10 mg/m <sup>3</sup> |
| DIPHENYL ETHER    | 101-84-8 | 202-981-2 | UK Long-term exposure limit (8-hour TWA) (ppm)                | 1 ppm                |
|                   |          |           | UK Long-term exposure limit (8-hour TWA) (mg/m <sup>3</sup> ) | 7 mg/m <sup>3</sup>  |
|                   |          |           | UK Short-term exposure limit (15-minute) (ppm)                | 2 ppm                |
|                   |          |           | UK Short-term exposure limit (15-minute) (mg/m <sup>3</sup> ) | 14 mg/m <sup>3</sup> |
|                   |          |           | EU Long-term exposure limit (8-hour TWA) (ppm)                | 1 ppm                |
|                   |          |           | EU Long-term exposure limit (8-hour TWA) (mg/m <sup>3</sup> ) | 7 mg/m <sup>3</sup>  |
|                   |          |           | EU Short-term exposure limit (15-minute) (ppm)                | 2 ppm                |
|                   |          |           | EU Short-term exposure limit (15-minute) (mg/m <sup>3</sup> ) | 14 mg/m <sup>3</sup> |

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## 8.2 Exposure Controls

### Eye / Skin Protection

Wear protective gloves/eye protection/face protection

### Respiratory Protection

Ensure adequate and ongoing ventilation is maintained in order to prevent build up of excessive vapour and to ensure occupational exposure limits are adhered to. If appropriate, and depending on your patterns and volumes of use, the following engineering controls may be required as additional protective measures: a) Isolate mixing rooms and other areas where this material is used or openly handled. Maintain these areas under negative air pressure relative to the rest of the plant. b) Employ the use of Personal protective equipment - an approved, properly fitted respirator with organic vapour cartridges or canisters and particulate filters. c) Use local exhaust ventilation around open tanks and other open sources of potential exposures in order to avoid excessive inhalation, including places where this material is openly weighed or measured. In addition, use general dilution ventilation of the work area to eliminate or reduce possible worker exposures. d) Use closed systems for transferring and processing this material.

Also refer to Sections 2 and 7.

## Section 9. Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

|  |  |
|--|--|
| <b>Physical State/Colour:</b>                                    | Clear colourless to pale yellow liquid |
| <b>Odour:</b>  | Not determined                         |
| <b>Odour threshold:</b>  | Not determined                         |
| <b>Melting point / freezing point:</b>                           | Not determined                         |
| <b>Boiling point or initial boiling point and boiling range:</b> | Not determined                         |
| <b>Flammability:</b>   | Not determined                         |
| <b>Lower and upper explosion limit:</b>                          | Not determined                         |
| <b>Flash point:</b>  | > 100 °C                               |
| <b>Auto-ignition temperature:</b>                                | Not determined                         |
| <b>Decomposition temperature:</b>                                | Not relevant                           |
| <b>pH:</b>   | Not determined                         |
| <b>Kinematic viscosity:</b>                                      | Not determined                         |
| <b>Solubility:</b>   | Not determined                         |
| <b>Partition coefficient: n-octanol/water (log value):</b>       | Not determined                         |
| <b>Vapour pressure:</b>  | 0.03003340 mmHg                        |
| <b>Density and/or relative density:</b>                          | 0.9970 - 1.1010                        |
| <b>Relative vapour density:</b>                                  | Not determined                         |
| <b>Particle characteristics:</b>                                 | Not determined                         |

**9.2 Other information:** None available

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## Section 10. Stability and reactivity

### 10.1 Reactivity:

Presents no significant reactivity hazard, by itself or in contact with water.

### 10.2 Chemical stability:

Good stability under normal storage conditions.

### 10.3 Possibility of hazardous reactions:

Not expected under normal conditions of use.

### 10.4 Conditions to avoid:

Avoid extreme heat.

### 10.5 Incompatible materials:

Avoid contact with strong acids, alkalis or oxidising agents.

### 10.6 Hazardous decomposition products:

Not expected.

## Section 11. Toxicological information

### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

This mixture has not been tested as a whole for health effects. The health effects have been calculated using the methods outlined in Regulation (EC) No 1272/2008 (CLP).

|   |  |
|---|--|
| <b>Acute Toxicity:</b>                    | Based on available data the classification criteria are not met. |
| Acute Toxicity Oral                       | 2981   |
| Acute Toxicity Dermal                     | >5000  |
| Acute Toxicity Inhalation                 | Not Available  |
| <b>Skin corrosion/irritation:</b>         | Skin Corrosion / Irritation Category 2                           |
| <b>Serious eye damage/irritation:</b>     | Eye Damage / Irritation Category 1                               |
| <b>Respiratory or skin sensitisation:</b> | Sensitization - Skin Category 1                                  |
| <b>Germ cell mutagenicity:</b>            | Based on available data the classification criteria are not met. |
| <b>Carcinogenicity:</b>                   | Based on available data the classification criteria are not met. |
| <b>Reproductive toxicity:</b>             | Based on available data the classification criteria are not met. |
| <b>STOT-single exposure:</b>              | Based on available data the classification criteria are not met. |
| <b>STOT-repeated exposure:</b>            | Based on available data the classification criteria are not met. |
| <b>Aspiration hazard:</b>                 | Based on available data the classification criteria are not met. |

### Information about hazardous ingredients in the mixture

| Ingredient        | CAS     | EC        | LD50/ATE Oral | LD50/ATE Dermal | LC50/ATE Inhalation | LC50 Route    |
|-------------------|---------|-----------|---------------|-----------------|---------------------|---------------|
| COUMARIN          | 91-64-5 | 202-086-7 | 500           | Not available   | Not available       | Not available |
| PHENETHYL ALCOHOL | 60-12-8 | 200-456-2 | 1610          | 2500            | Not available       | Not available |



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|   |                           |                                       |     |      |      |           |
|---|---------------------------|---------------------------------------|-----|------|------|-----------|
| REACTION MASS OF ALLYL (2-METHYLBUTOXY) ACETATE & ALLYL (3-METHOXYBUTOXY) ACETATE | 67634-00-8,<br>67634-01-9 | 266-803-5,<br>266-804-0,<br>916-328-0 | 500 | 1100 | 0.46 | Dust/mist |
|---|---------------------------|---------------------------------------|-----|------|------|-----------|

Refer to Sections 2 and 3 for additional information.

### 11.2 Information on other hazards

Not Applicable

### Section 12. Ecological information

#### 12.1 Toxicity:

Toxic to aquatic life with long lasting effects.

**12.2 Persistence and degradability:** Not available

**12.3 Bioaccumulative potential:** Not available

**12.4 Mobility in soil:** Not available

#### 12.5 Results of PBT and vPvB assessment:

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

**12.6 Endocrine disrupting properties:** Not Applicable

**12.7 Other adverse effects:** Not available

### Section 13. Disposal considerations

#### 13.1 Waste treatment methods:

Dispose of in accordance with local regulations. Avoid disposing into drainage systems and into the environment. Empty containers should be taken to an approved waste handling site for recycling or disposal.

### Section 14. Transport information

|                             | 14.1 UN number: | 14.2 UN Proper Shipping Name:  | 14.3 Transport hazard class (es): | Sub Risk: | 14.4 Packing Group: |
|-----------------------------|-----------------|--|-----------------------------------|-----------|---------------------|
| <b>UN Model Regulations</b> | UN3082          | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (1,3,4,6,7,8-HEXAHYDRO-4,6,6,7,8,8-HEXAMETHYLINDENO[5,6-C]PYRAN, ALPHA-CEDRENE)                  | 9                                 | -         | III                 |
| <b>IMDG</b>                 | UN3082          | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (1,3,4,6,7,8-HEXAHYDRO-4,6,6,7,8,8-HEXAMETHYLINDENO[5,6-C]PYRAN, ALPHA-CEDRENE) MARINE POLLUTANT | 9                                 | -         | III                 |

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|                    |        |  |   |   |     |
|--------------------|--------|--|---|---|-----|
| <b>ADR,RID,ADN</b> | UN3082 | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.<br>(1,3,4,6,7,8-HEXAHYDRO-4,6,6,7,8,8-HEXAMETHYLINDENO[5,6-C]PYRAN, ALPHA-CEDRENE) | 9 | - | III |
| <b>ICAO TI</b>     | UN3082 | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.<br>(1,3,4,6,7,8-HEXAHYDRO-4,6,6,7,8,8-HEXAMETHYLINDENO[5,6-C]PYRAN, ALPHA-CEDRENE) | 9 | - | III |

**14.5 Environmental hazards:** This is classified as an environmentally hazardous substance under the UN Model Regulations. This is classified as a Marine Pollutant under the IMDG Code.

**14.6 Special precautions for user:** None additional

**14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:**

Not applicable

### Section 15. Regulatory information

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

None additional

**15.2 Chemical Safety Assessment**

A Chemical Safety Assessment has not been carried out for this product.

### Section 16. Other information

**Concentration % Limits:** SCI 2=56.37% EDI 1=38.46% EDI 2=9.92% SS 1=11.14% EH C2=27.18% EH C3=2.68% EH C4=59.32% EDI 2A=9.47%

**Total Fractional Values:** SCI 2=1.77 EDI 1=2.60 EDI 2=10.08 SS 1=8.97 EH C2=3.68 EH C3=37.37 EH C4=1.69 EDI 2A=10.56

**Key to revisions:**

SECTION 3: Composition/information on ingredients

**Key to abbreviations:**

| Abbreviation | Meaning  |
|--------------|--|
| AH 1         | Aspiration Hazard Category 1                                   |
| ATD 4        | Acute Toxicity - Dermal Category 4                             |
| ATI 2        | Acute Toxicity - Inhalation Category 2                         |
| ATI 4        | Acute Toxicity - Inhalation Category 4                         |
| ATO 4        | Acute Toxicity - Oral Category 4                               |
| CAR 2        | Carcinogenicity Category 2                                     |
| EDI 1        | Eye Damage / Irritation Category 1                             |
| EDI 2        | Eye Damage / Irritation Category 2                             |
| EH A1        | Hazardous to the Aquatic Environment - Acute Hazard Category 1 |

## SAFETY DATA SHEET

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|--------------|--|
| EH C1        | Hazardous to the Aquatic Environment - Long-term Hazard Category 1   |
| EH C2        | Hazardous to the Aquatic Environment - Long-term Hazard Category 2   |
| EH C3        | Hazardous to the Aquatic Environment - Long-term Hazard Category 3   |
| H302         | Harmful if swallowed.  |
| H304         | May be fatal if swallowed and enters airways.  |
| H312         | Harmful in contact with skin.  |
| H315         | Causes skin irritation.  |
| H317         | May cause an allergic skin reaction.   |
| H318         | Causes serious eye damage.   |
| H319         | Causes serious eye irritation.   |
| H330         | Fatal if inhaled.  |
| H332         | Harmful if inhaled.  |
| H341         | Suspected of causing genetic defects.  |
| H351         | Suspected of causing cancer.   |
| H361         | Suspected of damaging fertility or the unborn child.   |
| H400         | Very toxic to aquatic life.  |
| H410         | Very toxic to aquatic life with long lasting effects.  |
| H411         | Toxic to aquatic life with long lasting effects.   |
| H412         | Harmful to aquatic life with long lasting effects.   |
| MUT 2        | Germ Cell Mutagenicity Category 2  |
| P202         | Do not handle until all safety precautions have been read and understood.  |
| P260         | Do not breathe vapour or dust.   |
| P261         | Avoid breathing vapour or dust.  |
| P264         | Wash hands and other contacted skin thoroughly after handling.   |
| P270         | Do not eat, drink or smoke when using this product.  |
| P271         | Use only outdoors or in a well-ventilated area.  |
| P272         | Contaminated work clothing should not be allowed out of the workplace.   |
| P273         | Avoid release to the environment.  |
| P280         | Wear protective gloves/eye protection/face protection.   |
| P284         | Wear respiratory protection.   |
| P301/310     | IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.  |
| P301/312     | IF SWALLOWED: call a POISON CENTER or doctor/physician if you feel unwell.   |
| P302/352     | IF ON SKIN: Wash with plenty of soap and water.  |
| P304/340     | IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.                                 |
| P305/351/338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P308/313     | IF exposed or concerned: Get medical advice/attention.   |
| P310         | Immediately call a POISON CENTER or doctor/physician.  |
| P312         | Call a POISON CENTRE or doctor/physician if you feel unwell.   |
| P330         | Rinse mouth.   |
| P331         | Do not induce vomiting.  |
| P332/313     | If skin irritation occurs: Get medical advice/attention.   |

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|          |  |
|----------|--|
| P333/313 | If skin irritation or rash occurs: Get medical advice/attention.                               |
| P337/313 | If eye irritation persists: Get medical advice/attention.                                      |
| P362     | Take off contaminated clothing and wash before reuse.  |
| P363     | Wash contaminated clothing before reuse.   |
| P391     | Collect spillage.  |
| P403/233 | Store in a well-ventilated place. Keep container tightly closed.                               |
| P405     | Store locked up.   |
| P501     | Dispose of contents/container to approved disposal site, in accordance with local regulations. |
| REP 2    | Toxic to Reproduction Category 2   |
| SCI 2    | Skin Corrosion / Irritation Category 2   |
| SS 1     | Sensitization - Skin Category 1  |
| SS 1A    | Sensitization - Skin Category 1A   |
| SS 1B    | Sensitization - Skin Category 1B   |

The information in this safety data sheet is to the best of our knowledge true and accurate but all data, instructions, recommendations and/or suggestions are made without guarantee.