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# SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: PINE FRAGRANCE

3

Version:

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

**1.1 Product Identifier** 

Product identifier: PINE FRAGRANCE (Contains:2,4-DIMETHYL-3-CYCLOHEXENE CARBOXALDEHYDE, 4-TERT-BUTYLCYCLOHEXYL ACETATE, METHYLUNDECANAL, TERPINEOL) None

- Other identifiers:
- 1.2 Relevant identified uses of the substance or mixture and uses advised against
- Product uses: Fragrances

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

- Company name: SS Oils Ltd Company address: 3 Bridgegate Way Eccleshill Bradford BD10 8BD UK
- Contact:SS Oils LtdE-Mail address:ssoilsltd@outlook.comCompany phone:+4473984948221.4 Emergency telephone numberEmergency phone:+447398494822

### Section 2. Hazards identification

### 2.1 Classification of the substance or mixture

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

| Class and category of<br>danger: | Skin Corrosion / Irritation Category 2                             |
|----------------------------------|--|
| uanger.                          | Eye Damage / Irritation Category 2                                 |
|                                  | 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.                         |
|                                  | H319, Causes serious eye irritation.                               |
|                                  | H411, Toxic to aquatic life with long lasting effects.             |

### 2.2 Label elements

Signal word: Warning



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PINE FRAGRANCE **Product:** 3 Version: Hazard statements: H315. Causes skin irritation. H317, May cause an allergic skin reaction. H319, Causes serious eye irritation. H411, Toxic to aquatic life with long lasting effects. **Supplemental** EUH208, Contains COUMARIN, EUCALYPTOL, L-LIMONENE, METHYL ATRATATE, Information: TETRAHYDROLINALOOL. May produce an allergic reaction. Precautionary P261, Avoid breathing vapour or dust. statements: 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. 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. P391, Collect spillage. P501, Dispose of contents/container to approved disposal site, in accordance with local regulations. **Pictograms:** 

Other hazards:Hydrocarbon Concentration %:0.380%

## Section 3. Composition / information on ingredients

### 3.2 Mixtures

#### Contains:

| Name                                      | CAS        | EC        | REACH Registration<br>No. | %       | Classification for<br>(CLP) 1272/2008 |
|---|------------|-----------|---------------------------|---------|---------------------------------------|
| CIS-2-TERT-<br>BUTYLCYCLOHEXYL<br>ACETATE | 20298-69-5 | 243-718-1 | 01-2119970713-33-xxxx     | 10-<20% | EH C2;H411,-                          |
| 4-TERT-<br>BUTYLCYCLOHEXYL<br>ACETATE     | 32210-23-4 | 250-954-9 | 01-2119976286-24-xxxx     | 5-<10%  | SS 1B;H317,-                          |



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| METHYLUNDECANAL                                  | 110-41-8   | 203-765-0 |                       | 5-<10%  | SCI 2-SS 1B-EH A1-<br>EH C1;H315-H317-<br>H410,-                        |
|--|------------|-----------|-----------------------|---------|---|
| TERPINEOL  | 8000-41-7  | 232-268-1 | 01-2119553062-49-xxxx | 5-<10%  | SCI 2-EDI 2;H315-<br>H319   |
| 2,4-DIMETHYL-3-<br>CYCLOHEXENE<br>CARBOXALDEHYDE | 68039-49-6 | 268-264-1 |                       | 1-<5%   | SCI 2-EDI 2-SS 1B-EH<br>C2;H315-H317-H319-<br>H411,-                    |
| TETRAHYDROLINALO                                 | 78-69-3    | 201-133-9 | 01-2119454788-21-xxxx | 1-<5%   | SCI 2-EDI 2-SS 1B;<br>H315-H317-H319,-                                  |
| COUMARIN   | 91-64-5    | 202-086-7 |                       | 1-<5%   | ATO 4-SS 1B;H302-<br>H317,-   |
| ALLYL<br>CYCLOHEXYLOXYACE<br>TATE                | 68901-15-5 | 272-657-3 |                       | 1-<5%   | ATO 4-EH A1-EH C2;<br>H302-H400-H411,-                                  |
| EUCALYPTOL                                       | 470-82-6   | 207-431-5 |                       | 1-<5%   | FL 3-SS 1B;H226-<br>H317,-  |
| METHYL ATRATATE                                  | 4707-47-5  | 225-193-0 |                       | 0.1-<1% | SS 1B;H317,-  |
| L-LIMONENE                                       | 5989-54-8  | 227-815-6 | 01-2119958629-18-xxxx | 0.1-<1% | FL 3-SCI 2-SS 1B-AH<br>1-EH A1-EH C1;H226-<br>H304-H315-H317-<br>H410,- |

### Substances with Community workplace exposure limits:

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

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

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

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

Causes skin irritation.

May cause an allergic skin reaction.

Causes serious eye irritation.

### 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.



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### 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.

### 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: Not Applicable



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#### **8.2 Exposure Controls**

#### Eye / Skin Protection

Wear protective gloves/eye protection/face protection

### **Respiratory Protection**

Under normal conditions of use and where adequate ventilation is available to prevent build up of excessive vapour, this material should not require special engineering controls. However, in conditions of high or prolonged use, or high temperature or other conditions which increase exposure, the following engineering controls can be used to minimise exposure to personnel: a) Increase ventilation of the area with local exhaust ventilation. b) Personnel can use an approved, appropriately fitted respirator with organic vapour cartridge or canisters and particulate filters. c) 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

| Appearance:                            | Clear colourless to pale yellow liquid                 |
|--|--|
| Odour:                                 | Not determined   |
| Odour threshold:                       | Not determined   |
| pH:                                    | Not determined   |
| Melting point / freezing point:        | Not determined   |
| Initial boiling point / range:         | Not determined   |
| Flash point:                           | 85 °C  |
| Evaporation rate:                      | Not determined   |
| Flammability (solid, gas):             | Not determined   |
| Upper/lower flammability or explosiv   | e limits: Product does not present an explosion hazard |
| Vapour pressure:                       | 0.14285379 mmHg  |
| Vapour density:                        | Not determined   |
| Relative density:                      | 0.9530 - 0.9570  |
| Solubility(ies):                       | Not determined   |
| Partition coefficient: n-octanol/water | : Not determined                                       |
| Auto-ignition temperature:             | Not determined   |
| Decomposition temperature:             | Not determined   |
| Viscosity:                             | Not determined   |
| Explosive properties:                  | Not expected   |
| Oxidising properties:                  | Not expected   |
| 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 toxicological effects

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).

| Acute Toxicity:                    | Based on available data the classification criteria are not met. |
|------------------------------------|--|
| Acute Toxicity Oral                | >5000  |
| Acute Toxicity Dermal              | Not Applicable   |
| Acute Toxicity Inhalation          | Not Available  |
| Skin corrosion/irritation:         | Skin Corrosion / Irritation Category 2                           |
| Serious eye damage/irritation:     | Eye Damage / Irritation Category 2                               |
| Respiratory or skin sensitisation: | Sensitization - Skin Category 1                                  |
| Germ cell mutagenicity:            | Based on available data the classification criteria are not met. |
| Carcinogenicity:                   | Based on available data the classification criteria are not met. |
| Reproductive toxicity:             | Based on available data the classification criteria are not met. |
| STOT-single exposure:              | Based on available data the classification criteria are not met. |
| STOT-repeated exposure:            | Based on available data the classification criteria are not met. |
| Aspiration hazard:                 | 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<br>Dermal | LC50/ATE<br>Inhalation | LC50<br>Route    |
|-----------------------------------|------------|-----------|---------------|--------------------|------------------------|------------------|
| ALLYL<br>CYCLOHEXYLOXYAC<br>ETATE | 68901-15-5 | 272-657-3 | 682           | Not available      | Not available          | Not<br>available |



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| COUMARIN 91-64-5 | 202-086-7 | 500 | Not available | Not available | Not<br>available |
|------------------|-----------|-----|---------------|---------------|------------------|
|------------------|-----------|-----|---------------|---------------|------------------|

Refer to Sections 2 and 3 for additional information.

## 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/vPv         | B criteria of REACH, annex XIII. |  |  |  |
| 12.6 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:   | UN3082   |  |  |  |
|---|--|--|--|--|
| 14.2 UN Proper Shipping Name:   | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.<br>(METHYLUNDECANAL, CIS-2-TERT-BUTYLCYCLOHEXYL ACETATE) |  |  |  |
| 14.3 Transport hazard class(es):  | 9  |  |  |  |
| Sub Risk:   | -  |  |  |  |
| 14.4. Packing Group:  | III  |  |  |  |
| 14.5 Environmental hazards:   | This is an environmentally hazardous substance.  |  |  |  |
| 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

SS Oils Ltd. 3 Bridgegate Way, Eccleshill, Bradford, BD10 8BD, UK.



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**Product: PINE FRAGRANCE** 

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**Concentration % Limits:** 

EH C2=29.03% EH C3=2.90% EH C4=81.53% SCI 2=48.78% EDI 2=68. 97% EDI 2A=68.97% SS 1=10.10%

**Total Fractional Values:** 

EH C2=3.44 EH C3=34.45 EH C4=1.23 SCI 2=2.05 EDI 2=1.45 EDI 2A=1.

## Key to revisions:

Classification under Regulation (EC) No 1272/2008 **Concentration % Limits** SECTION 3: Composition/information on ingredients **Total Fractional Values** 

### Key to abbreviations:

| Abbreviation | Meaning  |
|--------------|--|
| AH 1         | Aspiration Hazard Category 1   |
| ATO 4        | Acute Toxicity - Oral Category 4                                       |
| EDI 2        | Eye Damage / Irritation Category 2                                     |
| EH A1        | Hazardous to the Aquatic Environment - Acute Hazard Category 1         |
| EH C1        | Hazardous to the Aquatic Environment - Long-term Hazard Category 1     |
| EH C2        | Hazardous to the Aquatic Environment - Long-term Hazard Category 2     |
| FL 3         | Flammable Liquid, Hazard Category 3                                    |
| H226         | Flammable liquid and vapour.   |
| H302         | Harmful if swallowed.  |
| H304         | May be fatal if swallowed and enters airways.                          |
| H315         | Causes skin irritation.  |
| H317         | May cause an allergic skin reaction.                                   |
| H319         | Causes serious eye irritation.   |
| 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.                       |
| P210         | Keep away from heat, sparks, open flames and hot surfaces No smoking.  |
| P233         | Keep container tightly closed.   |
| P240         | Ground/bond container and receiving equipment.                         |
| P241         | Use explosion-proof electrical, ventilating and lighting equipment.    |
| P242         | Use only non-sparking tools.   |
| P243         | Take precautionary measures against static discharge.                  |
| 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.                    |
| 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.                 |
| P301/310     | IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.    |



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**Product:** 

### Version:

| P301/312                                      | IF SWALLOWED: call a POISON CENTER or doctor/physician if you feel unwell.   |  |
|---|--|--|
| P302/352 3                                    | IF ON SKIN: Wash with plenty of soap and water.  |  |
| P303/361/353                                  | IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.                       |  |
| P305/351/338                                  | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |  |
| P330  | Rinse mouth.   |  |
| P331  | Do not induce vomiting.  |  |
| P332/313                                      | If skin irritation occurs: Get medical advice/attention.   |  |
| 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. |  |  |
| P370/378                                      | In case of fire: Use carbon dioxide, dry chemical, foam for extinction.  |  |
| P391  | Collect spillage.  |  |
| P403/235                                      | Store in a well-ventilated place. Keep cool.   |  |
| P405  | Store locked up.   |  |
| P501  | Dispose of contents/container to approved disposal site, in accordance with local regulations.                                   |  |
| SCI 2   | Skin Corrosion / Irritation Category 2   |  |
| 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.



# IFRA CONFORMITY CERTIFICATE

## Product: PINE FRAGRANCE

We certify that the above item is in compliance with the Standards of the INTERNATIONAL FRAGRANCE ASSOCIATION (IFRA - 48th Amendment / published June 2015), provided it is used in the following classes at a maximum concentration level of:

| IFRA classes [see annex for detail] | Maximum level of use (%) |
|-------------------------------------|--------------------------|
| IFRA Class 1 Limit                  | Not approved             |
| IFRA Class 2 Limit                  | 4.64%                    |
| IFRA Class 3.A Limit                | 17.85%                   |
| IFRA Class 3.B Limit                | 17.85%                   |
| IFRA Class 3.C Limit                | 17.85%                   |
| IFRA Class 3.D Limit                | 17.85%                   |
| IFRA Class 4.A Limit                | 57.14%                   |
| IFRA Class 4.B Limit                | 57.14%                   |
| IFRA Class 4.C Limit                | 57.14%                   |
| IFRA Class 4.D Limit                | 57.14%                   |
| IFRA Class 5 Limit                  | 28.57%                   |
| IFRA Class 6 Limit                  | Not approved             |
| IFRA Class 7.A Limit                | 10%                      |
| IFRA Class 7.B Limit                | 10%                      |
| IFRA Class 8.A Limit                | 44.44%                   |
| IFRA Class 8.B Limit                | 44.44%                   |
| IFRA Class 9.A Limit                | 100%                     |
| IFRA Class 9.B Limit                | 100%                     |
| IFRA Class 9.C Limit                | 100%                     |
| IFRA Class 10.A Limit               | 55.55%                   |
| IFRA Class 10.B Limit               | 55.55%                   |
| IFRA Class 11 Limit                 | 100%                     |



# **IFRA CONFORMITY CERTIFICATE**

For other kinds of application or use at higher concentration levels, a new evaluation may be needed; please contact SS Oils Ltd.

The IFRA Standards regarding use restrictions are based on safety assessments by the Panel of Experts of the RESEARCH INSTITUTE FOR FRAGRANCE MATERIALS (RIFM) and are enforced by the IFRA Scientific Committee. Evaluation of individual Fragrance ingredients is made according to the safety standards contained in the relevant section of the IFRA Code of Practice.

Please note that the IFRA limits detailed on page 1 of this document, also take into consideration the restrictions listed in the annexes of the Cosmetics Regulation 1223/2009/EC.

We can confirm that only ingredients approved by the safety clearance procedure are present within this compound. It is the ultimate responsibility of our customer to ensure the safety of the final product (containing this fragrance) by further testing if need be.

**Regulatory Affairs Department** 



# IFRA CONFORMITY CERTIFICATE

## **ANNEX: Definition of IFRA Classes**

| Finished product types   | IFRA class            |
|--|-----------------------|
| ip Products of all types (solid and liquid lipsticks, balms, clear or colored, etc.); Children's Toys  | IFRA Class 1 Limit    |
| Deodorant and Antiperspirant Products of all types including any product with intended or reasonably oreseeable use on the axillae or labelled as such (spray, stick, roll-on, under-arm, deo-cologne and body spray, etc.); Nose pore strips; Fragranced Bracelets  | IFRA Class 2 Limit    |
| Hydroalcoholic Products Applied To Recently Shaved Skin (includes After Shave) (Edt range)   | IFRA Class 3.A Limit  |
| lydroalcoholic Products Applied To Recently Shaved Skin (includes After Shave) (Fine fragrance range)  | IFRA Class 3.B Limit  |
| Eye Products of all types (eye shadow, mascara, eyeliner, eye make-up, etc.) including eye care; Men's Facial Creams and Balms; Baby Creams, Lotions, Oils; Body Paint for Children  | IFRA Class 3.C Limit  |
| ampons   | IFRA Class 3.D Limit  |
| Hydroalcoholic Products applied to unshaved skin (includes aqueous based, alcoholic based and<br>hydroalcoholic) like Cologne, eau de cologne, Eau de Parfum or Parfum (Edt range); Ingredients of Perfume<br>Kits; Scent Pads, Foil packs; Scent Strips for hydroalcoholic products   | IFRA Class 4.A Limit  |
| Hydroalcoholic Products applied to unshaved skin (includes aqueous based, alcoholic based and<br>hydroalcoholic) like Cologne, eau de cologne, Eau de Parfum or Parfum (Fine fragrance range)  | IFRA Class 4.B Limit  |
| Hair Styling Aids Sprays of all types (pumps, aerosol sprays, etc.); Body Creams, Oils, Lotions of all types<br>except baby creams, lotions and oils); Body sprays (including Body Mist) with no intended or reasonably<br>oreseeable use on the axillae; Fragrance Compounds for Cosmetic Kits; Foot Care Products; Hair<br>leodorant; Body Paint (except those for children)   | IFRA Class 4.C Limit  |
| ragrancing Cream; Solid perfumes   | IFRA Class 4.D Limit  |
| Vomen's Facial Creams/Facial Make-up; Hand Cream; Hand sanitizers; Facial Masks; Baby Powder and<br>Falc; Hair Permanent and other hair chemical treatments (e.g. relaxers) but not hair dyes; Wipes or<br>Refreshing Tissues for Face, Neck, Hands, Body; Dry Shampoo or Waterless Shampoo  | IFRA Class 5 Limit    |
| Nouthwash, including Breath Sprays; Toothpaste   | IFRA Class 6 Limit    |
| ntimate Wipes; Baby Wipes  | IFRA Class 7.A Limit  |
| nsect Repellent (intended to be applied to the skin)   | IFRA Class 7.B Limit  |
| Make-up Removers of all types (not including face cleansers); Hair Styling Aids Non-Spray of all types mousse, gels, leave-in conditioners, etc.); Nail Care; Powders and talcs, all types (except baby powders and talcs)   | IFRA Class 8.A Limit  |
| lair Dyes  | IFRA Class 8.B Limit  |
| Conditioner (Rinse-Off); Liquid Soap; Shampoos of all types (including baby shampoos); Face Cleansers of<br>all types (washes, gels, scrubs, etc.); Shaving Creams of all types (stick, gels, foams, etc.); All Depilatories<br>including waxes for mechanical hair removal); Body Washes of all types (including baby washes) and<br>Shower Gels of all types; Bar Soap (Toilet Soap); Bath Gels, Foams, Mousses, Salts, Oils and Other<br>Products added to bathwater  | IFRA Class 9.A Limit  |
| eminine hygiene - pads, liners; Toilet paper; Wheat bags   | IFRA Class 9.B Limit  |
| acial tissues; Napkins; Paper towels; Other Aerosols (including air freshener sprays and air freshener<br>nump sprays, but not including deodorants/antiperspirants, hair styling aids sprays); Fragranced Face<br>Masks (not intended to be used as medical device)   | IFRA Class 9.C Limit  |
| Handwash Laundry Detergents of all types including concentrates; Fabric Softeners of all types including abric softener sheets; Household Cleaning Products, Other Types (fabric cleaners, soft surface cleaners, carpet cleaners, etc.); Machine Wash Laundry Detergents (liquids, powders, tablets, etc.) including laundry bleach and concentrates; Hand Dishwashing Detergent including concentrates; Hard Surface Cleaners of all ypes (bathroom and kitchen cleansers, furniture polish, etc.); Shampoos for pets; Dry cleaning kits; Scented gloves, socks, tights with moisturizers  | IFRA Class 10.A Limit |
| Diapers; Toilet seat wipes   | IFRA Class 10.B Limit |
| All non-skin contact or incidental skin contact including: Candles; Air Fresheners and Fragrancing of all<br>ypes (concentrated aerosol with metered doses (range 0.05-0.5mL/spray), plug-ins, solid substrate,<br>nembrane delivery, electrical); Air Delivery Systems; Cell phone cases; Pot pourri, powders, fragrancing<br>sachets, liquid refills for air fresheners (non-cartridge systems), Reed diffusers; Liquid refills for air<br>resheners (cartridge systems); Shoe Polishes; Deodorizers/Maskers not intended for skin contact (e.g.<br>abric drying machine deodorizers, carpet powders); Insecticides (mosquito coil, paper, electrical, for<br>elothing etc.) excluding aerosols; Scent delivery system using a dry air technology that releases a fragrance<br>vithout sprays, aerosols or heated oils (technology of nebulization); Air freshening crystals; Toilet Blocks;<br>loss Sticks or Incense Sticks; Machine Dishwash Detergent and Deodorizers; Machine-only Laundry<br>Detergent (e.g. liquitabs); Plastic articles (excluding toys); Fuels; Fragranced lamp ring; Scent pack; Scratch<br>and Sniff (sampling technology); Paints; Cat litter; Animal sprays (all types); Treatment products for textiles<br>e.g. starch sprays, fabric treated with fragrances after wash, deodorizers for textiles or fabrics); Floor wax;<br>Dodored Distilled Water (that can be added to steam irons) | IFRA Class 11 Limit   |



# ALLERGEN DECLARATION

Substances considered as fragrance allergens according to Cosmetic Regulation (EC) No. 1223/2009, Annex III, reference numbers 67-92.

# **PINE FRAGRANCE**

| Ingredient Name                                 | CAS                                    | Concentration (%) |
|---|--|-------------------|
| ALPHA-ISOMETHYL IONONE                          | 127-51-5                               | n.d.              |
| AMYL CINNAMAL                                   | 122-40-7                               | n.d.              |
| AMYLCINNAMYL ALCOHOL                            | 101-85-9                               | n.d.              |
| ANISE ALCOHOL                                   | 105-13-5                               | n.d.              |
| BENZYL ALCOHOL                                  | 100-51-6                               | n.d.              |
| BENZYL BENZOATE                                 | 120-51-4                               | n.d.              |
| BENZYL CINNAMATE                                | 103-41-3                               | n.d.              |
| BENZYL SALICYLATE                               | 118-58-1                               | n.d.              |
| BUTYLPHENYL METHYLPROPIONAL                     | 80-54-6                                | n.d.              |
| CINNAMAL  | 104-55-2                               | n.d.              |
| CINNAMYL ALCOHOL                                | 104-54-1                               | n.d.              |
| CITRAL  | 5392-40-5                              | n.d.              |
| CITRONELLOL                                     | 106-22-9                               | n.d.              |
| COUMARIN  | 91-64-5                                | 2.800%            |
| EUGENOL   | 97-53-0                                | n.d.              |
| EVERNIA FURFURACEA EXTRACT                      | 90028-67-4, 68648-<br>41-9, 68917-40-8 | n.d.              |
| EVERNIA PRUNASTRI EXTRACT                       | 90028-68-5, 9000-<br>50-4              | n.d.              |
| FARNESOL  | 4602-84-0                              | n.d.              |
| GERANIOL  | 106-24-1                               | n.d.              |
| HEXYL CINNAMAL                                  | 101-86-0                               | n.d.              |
| HYDROXYCITRONELLAL                              | 107-75-5                               | n.d.              |
| HYDROXYISOHEXYL 3-CYCLOHEXENE<br>CARBOXALDEHYDE | 31906-04-4, 51414-<br>25-6             | n.d.              |
| ISOEUGENOL                                      | 97-54-1                                | n.d.              |
| LIMONENE  | 5989-27-5                              | n.d.              |
| LINALOOL  | 78-70-6, 126-91-0                      | n.d.              |
| METHYL 2-OCTYNOATE                              | 111-12-6                               | n.d.              |

(n.d. = not detectable. Detection limit is 10ppm)

This declaration is a result of a calculated analysis of the formulation. These calculated concentrations do not replace chromatographic quantification on individual batches. Please note that the information contained herein is provided in good faith and is, to the best of our current knowledge, true and accurate at the time it is given, and may be subject to change. We are not liable for any damages that may result from the misuse of this data. It is the responsibility of the person(s) placing the finished product on the market to perform their own evaluation including with respect to finished product applications. Any Customer product, marketing or other claims are the Customer's ultimate responsibility.

## PINE - 10% in NON-HAZARDOUS BASE - (CLP in wax up to 10%)

Harmful to aquatic life with long lasting effects. Avoid release to the environment. Dispose of contents/container to approved disposal site, in accordance with local regulations. Contains 2,4-DIMETHYL-3-CYCLOHEXENE CARBOXALDEHYDE, 4-TERTBUTYLCYCLOHEXYLACETATE, COUMARIN, EUCALYPTOL, METHYLUNDECANAL, TETRAHYDROLINALOOL. May produce an allergic reaction..



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