

## SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

**Product:** BLUEBERRY FROSTING FRAGRANCE 868335

**Version:** 2

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

#### 1.1 Product Identifier

**Product identifier:** BLUEBERRY FROSTING FRAGRANCE (Contains:ETHYL ISOVALERATE, ETHYL METHYLPHENYLGLYCIDATE, LINALOOL, VANILLIN)

**Other identifiers:** None

#### 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:** Fragrance Oil Studio

**Company address:** Unit 1 Halifax Court,  
Dunston  
NE11 9JT

**Contact:** Regulatory Affairs

**E-Mail address:** Fragranceoilstudio@outlook.com

**Company phone:** +447491963599

#### 1.4 Emergency telephone number

**Emergency phone:** +447491963599

### Section 2. Hazards identification

#### 2.1 Classification of the substance or mixture

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

**Class and category of danger:** Flammable Liquid, Hazard Category 3  
Skin Corrosion / Irritation Category 2  
Eye Damage / Irritation Category 2  
Sensitization - Skin Category 1  
Hazardous to the Aquatic Environment - Long-term Hazard Category 3  
H226, Flammable liquid and vapour.  
H315, Causes skin irritation.  
H317, May cause an allergic skin reaction.  
H319, Causes serious eye irritation.  
H412, Harmful to aquatic life with long lasting effects.

#### 2.2 Label elements

**Signal word:** Warning

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**Hazard statements:** H226, Flammable liquid and vapour.  
H315, Causes skin irritation.  
H317, May cause an allergic skin reaction.  
H319, Causes serious eye irritation.  
H412, Harmful to aquatic life with long lasting effects.

**Supplemental Information:** EUH208, Contains COUMARIN, HYDROXYCITRONELLAL, TETRAMETHYL ACETYLOCTAHYDRONAPHTHALENES, TRANS-ROSE KETONE-2. May produce an allergic reaction.

**Precautionary statements:** 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.  
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.  
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.  
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.  
P370/378, In case of fire: Use carbon dioxide, dry chemical, foam for extinction.  
P403/235, Store in a well-ventilated place. Keep cool.  
P501, Dispose of contents/container to approved disposal site, in accordance with local regulations.

**Pictograms:**



**Other hazards:** Hydrocarbon Concentration %: 0.000%

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**Product:** BLUEBERRY FROSTING FRAGRANCE 868335**Version:** 2**Section 3. Composition / information on ingredients****3.2 Mixtures****Contains:**

| Name                                   | CAS                                | EC   | REACH Registration No. | %       | Classification for (CLP) 1272/2008  |
|--|------------------------------------|--|------------------------|---------|-------------------------------------|
| LINALOOL                               | 78-70-6                            | 201-134-4                                  | 01-2119474016-42-xxxx  | 10-<20% | SCI 2-EDI 2-SS 1B; H315-H317-H319,- |
| ETHYL ISOVALERATE                      | 108-64-5                           | 203-602-3                                  |                        | 10-<20% | FL 3-SCI 2;H226-H315,-              |
| VANILLIN                               | 121-33-5                           | 204-465-2                                  |                        | 5-<10%  | EDI 2;H319,-                        |
| ETHYL VANILLIN                         | 121-32-4                           | 204-464-7                                  |                        | 1-<5%   | EDI 2;H319,-                        |
| ETHYL HYDROXYPYRONE                    | 4940-11-8                          | 225-582-5                                  |                        | 1-<5%   | ATO 4;H302,-                        |
| 3-HEXENOL                              | 928-96-1                           | 213-192-8                                  |                        | 1-<5%   | FL 3-EDI 2;H226-H319,-              |
| ETHYL METHYLPHENYLGLYCIDATE            | 77-83-8                            | 201-061-8                                  |                        | 1-<5%   | SS 1B-EH C2;H317-H411,-             |
| ETHYL BUTYRATE                         | 105-54-4                           | 203-306-4                                  |                        | 1-<5%   | FL 3-EDI 2;H226-H319,-              |
| TRANS-ROSE KETONE-2                    | 23726-91-2                         | 245-842-1                                  |                        | 0.1-<1% | SCI 2-SS 1B-EH C2; H315-H317-H411,- |
| TETRAMETHYL ACETOCTAHYDRON APHTHALENES | 54464-57-2, 68155-66-8, 68155-67-9 | 259-174-3, 268-978-3, 268-979-9, 915-730-3 | 01-2119489989-04-xxxx  | 0.1-<1% | SCI 2-SS 1B-EH C1; H315-H317-H410,- |
| COUMARIN                               | 91-64-5                            | 202-086-7                                  |                        | 0.1-<1% | ATO 4-SS 1B;H302-H317,-             |
| HYDROXYCITRONELLAL                     | 107-75-5                           | 203-518-7                                  |                        | 0.1-<1% | EDI 2-SS 1B;H317-H319,-             |

**Substances with Community workplace exposure limits:**

| Name              | CAS     | EC        | %       |
|-------------------|---------|-----------|---------|
| DIETHYL PHTHALATE | 84-66-2 | 201-550-6 | 20-<50% |

**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 (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.

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.

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### 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.

## Section 7. Handling and storage

### 7.1 Precautions for safe handling:

Keep away from heat, sparks, open flames and hot surfaces. - No smoking.

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

Ground/bond container and receiving equipment.

Use only non-sparking tools.

Take precautionary measures against static discharge.

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**Product:** BLUEBERRY FROSTING FRAGRANCE 868335**Version:** 2**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 | Long-term exposure limit (8-hour TWA) (mg/m <sup>3</sup> ) | 5     |
|                   |         |           | Short-term exposure limit (15-minute) (mg/m <sup>3</sup> ) | 10    |

**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>Appearance:</b>                                   | Clear pale yellow to yellow liquid           |
| <b>Odour:</b>  | Not determined                               |
| <b>Odour threshold:</b>                              | Not determined                               |
| <b>pH:</b>   | Not determined                               |
| <b>Melting point / freezing point:</b>               | Not determined                               |
| <b>Initial boiling point / range:</b>                | Not determined                               |
| <b>Flash point:</b>                                  | 56 °C  |
| <b>Evaporation rate:</b>                             | Not determined                               |
| <b>Flammability (solid, gas):</b>                    | Not determined                               |
| <b>Upper/lower flammability or explosive limits:</b> | Product does not present an explosion hazard |

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|  |                 |
|--|-----------------|
| <b>Vapour pressure:</b>                        | 1.11736469 mmHg |
| <b>Vapour density:</b>                         | Not determined  |
| <b>Relative density:</b>                       | 1.0190 - 1.0230 |
| <b>Solubility(ies):</b>                        | Not determined  |
| <b>Partition coefficient: n-octanol/water:</b> | Not determined  |
| <b>Auto-ignition temperature:</b>              | Not determined  |
| <b>Decomposition temperature:</b>              | Not determined  |
| <b>Viscosity:</b>                              | Not determined  |
| <b>Explosive properties:</b>                   | Not expected    |
| <b>Oxidising properties:</b>                   | Not expected    |

**9.2 Other information:** None available

### 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).

|   |  |
|---|--|
| <b>Acute Toxicity:</b>                    | Based on available data the classification criteria are not met. |
| Acute Toxicity Oral                       | >5000  |
| Acute Toxicity Dermal                     | Not Applicable   |
| 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 2                               |
| <b>Respiratory or skin sensitisation:</b> | Sensitization - Skin Category 1                                  |

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**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 Dermal | LC50/ATE Inhalation | LC50 Route    |
|---------------------|-----------|-----------|---------------|-----------------|---------------------|---------------|
| ETHYL HYDROXYPYRONE | 4940-11-8 | 225-582-5 | 1200          | Not available   | Not available       | Not available |

Refer to Sections 2 and 3 for additional information.

**Section 12. Ecological information****12.1 Toxicity:**

Harmful 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 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:** UN1169**14.2 UN Proper Shipping Name:** EXTRACTS, AROMATIC, LIQUID**14.3 Transport hazard class(es):** 3**Sub Risk:** -**14.4. Packing Group:** III**14.5 Environmental hazards:** Not environmentally hazardous for transport**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

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### 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:** EH C3=38.46% SCI 2=40.01% EDI 2=34.73% SS 1=6.90% EDI 2A=34.73%

**Total Fractional Values:** EH C3=2.60 SCI 2=2.50 EDI 2=2.88 SS 1=14.50 EDI 2A=2.88

#### Key to revisions:

Concentration % Limits

SECTION 3: Composition/information on ingredients

Total Fractional Values

#### Key to abbreviations:

| Abbreviation | Meaning  |
|--------------|--|
| ATO 4        | Acute Toxicity - Oral Category 4   |
| EDI 2        | Eye Damage / Irritation Category 2                                       |
| 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.  |
| H315         | Causes skin irritation.  |
| H317         | May cause an allergic skin reaction.                                     |
| H319         | Causes serious eye irritation.   |
| 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.  |



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|              |  |
|--------------|--|
| P280         | Wear protective gloves/eye protection/face protection.   |
| 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.  |
| 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.   |
| 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.   |
| 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. This material has not been evaluated for safe use in e-cigarettes. Therefore Fragrance Oil Studio do not support the use in this particular application.

**CERTIFICATE OF CONFORMITY**

This Certificate assesses the conformity of the fragrance mixture with IFRA Standards and provides restrictions for use as necessary. It is based only on those materials subject to IFRA Standards for the toxicity endpoints described in each Standard. It also provides information on any restrictions due to the EU Cosmetic Regulation. This Certificate does therefore not replace a comprehensive safety assessment of the fragrance mixture.

**CERTIFYING PARTY:**

Fragrance Oil Studio  
Unit 1, Halifax Court  
Dunston  
NE11 9JT

**SCOPE OF THE CERTIFICATE:**

BLUEBERRY FROSTING FRAGRANCE

**COMPULSORY INFORMATION:**

Implementation of the 49th Amendment is as follows:-

10th May, 2021: Entry into force for new formulations

10th May, 2022: Compliance of existing formulations created before 10th May 2021

We certify that the above mixture is in compliance with the Standards of the INTERNATIONAL FRAGRANCE ASSOCIATION (IFRA), up to and including the 50th Amendment to the IFRA Code of Practice (published June 2021) and the European Cosmetic Regulation (EC) 1223/2009 & its modifications, provided it is used in the following categories at a maximum concentration level of:

| IFRA Categories [see Annex 1 below for details] | Maximum Level of use (%) |
|---|--------------------------|
| IFRA Category 1                                 | Not approved             |
| IFRA Category 2                                 | 0.32%                    |
| IFRA Category 3                                 | 6.57%                    |
| IFRA Category 4                                 | 6.14%                    |
| IFRA Category 5A                                | 1.57%                    |
| IFRA Category 5B                                | 1.57%                    |
| IFRA Category 5C                                | 1.57%                    |
| IFRA Category 5D                                | 1.57%                    |
| IFRA Category 6                                 | Not approved             |
| IFRA Category 7A                                | 12.57%                   |
| IFRA Category 7B                                | 12.57%                   |
| IFRA Category 8                                 | 0.64%                    |
| IFRA Category 9                                 | 12.00%                   |
| IFRA Category 10A                               | 42.85%                   |
| IFRA Category 10B                               | 42.85%                   |
| IFRA Category 11A                               | 3.00%                    |
| IFRA Category 11B                               | 3.00%                    |
| IFRA Category 12                                | Not limited              |

For other kinds of application or use at higher concentration levels, a new evaluation can be needed; please contact Fragrance Oil Studio.

**EU COSMETIC INFORMATION:**

We certify that the above mixture is in compliance with the EU Cosmetic Regulation 1223/2009 and its amendments, provided it is used in the following applications at a maximum concentration level of:

| Cosmetic Application             | Maximum Level of use (%) |
|----------------------------------|--------------------------|
| Fine Fragrance                   | 2.85%                    |
| Eau de Toilette                  | 2.85%                    |
| Fragrancing cream                | 2.85%                    |
| Rinse off cosmetic products      | 2.85%                    |
| Other leave-on cosmetic products | 2.85%                    |
| Oral products                    | Not approved             |

Regulatory Affairs Department

## ANNEX 1

Below is an extract of information provided by IFRA in relation to types of application present in each IFRA Category. Additional information about IFRA Categories can be found in the Guidance to IFRA Standards, issued by IFRA.

| IFRA Category     | Product Type  |
|-------------------|---|
| IFRA Category 1   | Products applied to the lips: Lip products e.g. lipstick, lip balm; Childrens toys  |
| IFRA Category 2   | Products applied to the axillae: Deodorant and antiperspirant products of all types; Body sprays/mists  |
| IFRA Category 3   | Products applied to the face/body using fingertips: Eye products e.g. eye make-up, eye moisturizer; Facial make-up; Make-up remover; Nose pore strips; Wipes for face, neck, hands, body; Facial masks; Body and face paint   |
| IFRA Category 4   | Products related to fine fragrance: Hydroalcoholic and non-hydroalcoholic fine fragrance of all types e.g. Eau de Toilette, Parfum, Cologne, solid perfume, fragrancing cream, aftershaves of all types; Ingredients of perfume and fragrance mixtures for cosmetic kits; Scent pads; Scent strips  |
| IFRA Category 5A  | Body lotion products applied to the body using the hands (palms), primarily leave on: Foot care products e.g. creams, powders; Insect repellent for application to the skin; All powders and talc (excluding baby powders and talc)   |
| IFRA Category 5B  | Face moisturizer products applied to the face using the hands (palms), primarily leave on: Facial toner; Facial moisturizers and creams   |
| IFRA Category 5C  | Hand cream products applied to the hands using the hands (palms), primarily leave on: Hand cream; Nail care products including cuticle creams; Hand sanitizers  |
| IFRA Category 5D  | Baby creams, baby oils and baby talc: Baby cream/lotion, baby oil, baby powders and talc  |
| IFRA Category 6   | Products with oral and lip exposure: Toothpaste; Mouthwash, including breath sprays; Toothpowder, strips, mouthwash tablets   |
| IFRA Category 7A  | Rinse-off products applied to the hair with some hand contact: Hair permanent or other hair chemical treatments (rinse-off) e.g. relaxers, including rinse-off hair dyes  |
| IFRA Category 7B  | Leave-on products applied to the hair with some hand contact: Hair sprays of all types e.g. pumps, aerosol sprays; Hair styling aids non sprays e.g. mousse, leave- on conditioners; Hair permanent or other hair chemical treatments (leave-on) e.g. relaxers, including leave-on hair dyes; Shampoo - Dry (waterless shampoo); Hair deodorizer  |
| IFRA Category 8   | Products with significant anogenital exposure: Intimate wipes; Tampons; Baby wipes; Toilet paper (wet)  |
| IFRA Category 9   | Products with body and hand exposure, primarily rinse off: Bar soap; Liquid soap; Shampoo of all type; Conditioner (rinse-off); Body washes and shower gels of all types; Baby wash, bath, shampoo; Bath gels, foams, mousses, salts, oils and other products added to bathwater; Cleanser for face (rinse-off); Shaving creams of all types e.g. stick, gels, foams; All depilatories (including facial) and waxes for mechanical hair removal; Foot care products (feet are placed in a bath for soaking); Shampoos for pets  |
| IFRA Category 10A | Household care excluding aerosol / spray products: Hand wash laundry detergent; Laundry pre-treatment of all types e.g. paste, sprays, sticks; Machine laundry detergents with skin contact e.g. liquids, powders; Fabric softeners of all types including fabric softener sheets; Ironing water; Hand dishwashing detergent; Hard surface cleaners of all types e.g. bathroom, kitchen cleansers, furniture polish; Toilet seat wipes; Household cleaning products, other types including fabric cleaners, carpet cleaners, furniture polishes sprays and wipes, stain removers, treatment products for textiles e.g. starch sprays; Floor wax; Dry cleaning kits; Fragranced oil for lamp ring, reed diffusers, pot-pourri, liquid refills for air fresheners (non-cartridge systems), etc.   |
| IFRA Category 10B | Household aerosol/spray products: Animal sprays applied to animals; Air freshener sprays, manual, including aerosol and pump; Aerosol/spray insecticides  |
| IFRA Category 11A | Products with intended skin contact but minimal transfer of fragrance to skin from inert substrate without UV exposure: Feminine hygiene conventional pads, liners, interlabial pads; Diapers (baby and adult); Adult incontinence pant, pad; Toilet paper (dry)  |
| IFRA Category 11B | Products with intended skin contact but minimal transfer of fragrance to skin from inert substrate with potential UV exposure: Tights with moisturizers; Scented socks, gloves; Facial tissues (dry tissues); Napkins; Paper towels; Wheat bags; Facial masks (paper/protective) e.g. surgical masks not used as medical device; Fertilizers, solid (pellet or powder)  |
| IFRA Category 12  | Products not intended for direct skin contact, minimal or insignificant transfer to skin: Candles of all types ; Laundry detergents for machine wash with minimal skin contact (e.g. Liquid tabs, pods); Automated air fresheners and fragrancing of all types e.g. concentrated aerosol with metered doses, plug-ins, electrical, incense, liquid refills (cartridge); Air delivery systems; Cat litter; Cell phone cases; Deodorizers/maskers not intended for skin contact e.g. fabric drying machine deodorizers, carpet powders; Fuels; Insecticides e.g. mosquito coil, paper, electrical, for clothing, excluding aerosols/sprays; Joss sticks or incense sticks; Dishwash detergent and deodorizers - for machine wash; Olfactive board games; Paints; Plastic articles (excluding toys); Scratch and sniff; Scent pack; Scent delivery system (using dry air technology); Shoe polishes; Rim blocks (Toilet) |

**IFRA CONFORMITY CERTIFICATE****Customer:** THE FOIL STUDIO**Product:** BLUEBERRY FROSTING 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                  | 0.57%                    |
| IFRA Class 3.A Limit                | 2.85%                    |
| IFRA Class 3.B Limit                | 2.85%                    |
| IFRA Class 3.C Limit                | 2.85%                    |
| IFRA Class 3.D Limit                | 2.85%                    |
| IFRA Class 4.A Limit                | 2.85%                    |
| IFRA Class 4.B Limit                | 2.85%                    |
| IFRA Class 4.C Limit                | 2.85%                    |
| IFRA Class 4.D Limit                | 2.85%                    |
| IFRA Class 5 Limit                  | 2.85%                    |
| IFRA Class 6 Limit                  | Not approved             |
| IFRA Class 7.A Limit                | 1.14%                    |
| IFRA Class 7.B Limit                | 1.14%                    |
| IFRA Class 8.A Limit                | 2.85%                    |
| IFRA Class 8.B Limit                | 2.85%                    |
| IFRA Class 9.A Limit                | 2.85%                    |
| IFRA Class 9.B Limit                | 2.85%                    |
| IFRA Class 9.C Limit                | 2.85%                    |
| IFRA Class 10.A Limit               | 2.85%                    |
| IFRA Class 10.B Limit               | 2.85%                    |
| IFRA Class 11 Limit                 | 100%                     |

## IFRA CONFORMITY CERTIFICATE

For other kinds of application or use at higher concentration levels, a new evaluation can be needed; please contact Fragrance Oil Studio.

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.

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            |
|---|-----------------------|
| Lip 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 foreseeable 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  |
| Hydroalcoholic 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  |
| Tampons   | IFRA Class 3.D Limit  |
| Hydroalcoholic Products applied to unshaved skin (includes aqueous based, alcoholic based and hydroalcoholic) like Cologne, eau de cologne, Eau de Parfum or Parfum (Edt range); Ingredients of Perfume 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 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 (except baby creams, lotions and oils); Body sprays (including Body Mist) with no intended or reasonably foreseeable use on the axillae; Fragrance Compounds for Cosmetic Kits; Foot Care Products; Hair deodorant; Body Paint (except those for children)   | IFRA Class 4.C Limit  |
| Fragrancing Cream; Solid perfumes   | IFRA Class 4.D Limit  |
| Women's Facial Creams/Facial Make-up; Hand Cream; Hand sanitizers; Facial Masks; Baby Powder and Talc; Hair Permanent and other hair chemical treatments (e.g. relaxers) but not hair dyes; Wipes or Refreshing Tissues for Face, Neck, Hands, Body; Dry Shampoo or Waterless Shampoo   | IFRA Class 5 Limit    |
| Mouthwash, including Breath Sprays; Toothpaste  | IFRA Class 6 Limit    |
| Intimate Wipes; Baby Wipes  | IFRA Class 7.A Limit  |
| Insect 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  |
| Hair Dyes   | IFRA Class 8.B Limit  |
| Conditioner (Rinse-Off); Liquid Soap; Shampoos of all types (including baby shampoos); Face Cleansers of all types (washes, gels, scrubs, etc.); Shaving Creams of all types (stick, gels, foams, etc.); All Depilatories (including waxes for mechanical hair removal); Body Washes of all types (including baby washes) and Shower Gels of all types; Bar Soap (Toilet Soap); Bath Gels, Foams, Mousses, Salts, Oils and Other Products added to bathwater  | IFRA Class 9.A Limit  |
| Feminine hygiene - pads, liners; Toilet paper; Wheat bags   | IFRA Class 9.B Limit  |
| Facial tissues; Napkins; Paper towels; Other Aerosols (including air freshener sprays and air freshener pump sprays, but not including deodorants/antiperspirants, hair styling aids sprays); Fragranced Face 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 fabric 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 types (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 types (concentrated aerosol with metered doses (range 0.05-0.5mL/spray), plug-ins, solid substrate, membrane delivery, electrical); Air Delivery Systems; Cell phone cases; Pot pourri, powders, fragrancing sachets, liquid refills for air fresheners (non-cartridge systems), Reed diffusers; Liquid refills for air fresheners (cartridge systems); Shoe Polishes; Deodorizers/Maskers not intended for skin contact (e.g. fabric drying machine deodorizers, carpet powders); Insecticides (mosquito coil, paper, electrical, for clothing etc.) excluding aerosols; Scent delivery system using a dry air technology that releases a fragrance without sprays, aerosols or heated oils (technology of nebulization); Air freshening crystals; Toilet Blocks; Joss Sticks or Incense Sticks; Machine Dishwash Detergent and Deodorizers; Machine-only Laundry Detergent (e.g. liquitabs); Plastic articles (excluding toys); Fuels; Fragranced lamp ring; Scent pack; Scratch and Sniff (sampling technology); Paints; Cat litter; Animal sprays (all types); Treatment products for textiles (e.g. starch sprays, fabric treated with fragrances after wash, deodorizers for textiles or fabrics); Floor wax; Odored 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.

**BLUEBERRY FROSTING FRAGRANCE**

| Ingredient Name                              | CAS                                | Concentration (%) |
|--|------------------------------------|-------------------|
| ALPHA-ISOMETHYL IONONE                       | 127-51-5                           | 0.070%            |
| 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                            | 0.100%            |
| EUGENOL                                      | 97-53-0                            | n.d.              |
| EVERNIA FURFURACEA EXTRACT                   | 90028-67-4, 68648-41-9, 68917-40-8 | n.d.              |
| EVERNIA PRUNASTRI EXTRACT                    | 90028-68-5, 68917-10-2, 9000-50-4  | 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                           | 0.100%            |
| HYDROXYISOHEXYL 3-CYCLOHEXENE CARBOXALDEHYDE | 31906-04-4, 51414-25-6             | n.d.              |
| ISOEUGENOL                                   | 97-54-1                            | n.d.              |
| LIMONENE                                     | 5989-27-5                          | n.d.              |
| LINALOOL                                     | 78-70-6, 126-91-0                  | 14.496%           |
| 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.



# FRAGRANCE OIL STUDIO

WWW.FRAGRANCEOILSTUDIO.CO.UK

*10% CLP IN A NON-HAZARDOUS BASE*



## BLUEBERRY FROSTING (LINALOOL)

### Warning

May cause an allergic skin reaction. Harmful to aquatic life with long lasting effects.  
Avoid breathing vapour or dust. Avoid release to the environment. Wear protective gloves/eye protection/face protection. IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Dispose of contents/container to approved disposal site, in accordance with local regulations. Contains ETHYL METHYLPHENYLGLYCIDATE.  
May produce an allergic reaction.

Do not forget the following are required on your CLP labels:

B U S I N E S S   N A M E   |   A D D R E S S   |   C O N T A C T   #

# FRAGRANCE OIL STUDIO

WWW.FRAGRANCEOILSTUDIO.CO.UK

*25% CLP IN DOWANOL*



## BLUEBERRY FROSTING (LINALOOL)

### Warning

May cause an allergic skin reaction. Harmful to aquatic life with long lasting effects. Avoid breathing vapour or dust. Avoid release to the environment. Wear protective gloves/eye protection/face protection. IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Dispose of contents/container to approved disposal site, in accordance with local regulations. Contains ETHYL METHYLPHENYLGLYCIDATE, TETRAMETHYL ACETYLOCTAHYDRONAPHTHALENES, TRANS-ROSE KETONE-2. May produce an allergic reaction.

Do not forget the following are required on your CLP labels:

B U S I N E S S   N A M E   |   A D D R E S S   |   C O N T A C T   #