

SAFETY DATA SHEET

Printed on 21 September 2017

GHS: According to 2015/830/EU

Code Number DEV-50443
Version 1 Revised 21/09/2017 16:29:57

Section 1. Identification of the substance/mixture and of the company/undertaking

1.1 Product Identifier

Product Name STICKY TOFFEE ECO FRAGRANCE OIL
Code Number DEV-50443
Alternative Name
REACH Reg No Not registered

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

Concentrated material for manufacturing purposes only

1.3 Details of the supplier of the safety data sheet

LiveMoor
Unit 9a, Foresters Business Park,
Estover Close,
Plymouth
PL6 7PL
Telephone Number Tel No.: 01752 695 220
Email Address Email: info@livemoor.co.uk

1.4 Emergency Tel No

Emergency No.01752 695 220

Section 2. Hazard Identification

2.1 Classification of the substance or mixture

SS 1 Skin sensitisation, category 1
EH A3 Aquatic hazard, acute, category 3

2.2 Label elements

GHS classification according to Regulation (EC) No 1272/2008

Hazard Pictograms



Signal Word Warning

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Hazard Statements

H317 May cause an allergic skin reaction

Precautionary Statements

P261 Avoid breathing fumes.

P273 Avoid release to the environment.

P280 Wear protective gloves and eye protection

P302+P352 IF ON SKIN: Wash with plenty of water.

P333+P313 If skin irritation or rash occurs: Get medical advice.

P501 Dispose of contents and container in accordance with local regulation.

2.3 Other Hazards

Contains Benzyl Alcohol, Benzyl Cinnamate, Cinnamal, Coumarin and Limonene which may produce an allergic reaction

No further information available at this time

Section 3. Composition / information on ingredients

Any percentage values listed here for hazardous components are for illustrative purposes only

3.2 Mixtures

Complex mixture of fragrance ingredients

Hazardous components

| ID Numbers | Chemical Name, Classification and Hazards | Conc (%) |
|---|---|------------|
| CAS 84-66-2 EINECS 201-550-6 REACH | Diethyl phthalate (DEP) SCI 3;EH A3 H316,H402 | >=25% |
| CAS 121-33-5 EINECS 204-465-2 REACH | Vanillin ATO 5(3500);EDI 2A H303,H319 | >=1%,<3% |
| CAS 104-55-2 EINECS 203-213-9 REACH | Cinnamic aldehyde (3-Phenyl-2-propenal) (Cinnamaldehyde) ATO 5(2500);ATD 4(1100);SCI 2;SS 1A;EDI 2A;EH A2 H303,H312,H315,H317,H319,H401 | >=0.1%,<1% |

Refer to section 16 for the wording of listed classification and hazard statement codes

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Section 4. First Aid measures

Take phrases in sections 2 into account

4.1 Description of first aid measures

After inhalation

Remove from the exposure area to fresh air. Contact a doctor if necessary.

After skin contact

Remove contaminated clothing. Wash thoroughly with soap and water. Seek medical advice if irritation persists or there is any sign of tissue damage.

After eye contact

Flush with plenty of water and seek medical advice if necessary.

After ingestion

Wash mouth with plenty of water and obtain medical advice immediately.

4.2 Most important symptoms and effects, both acute and delayed

No further information available at this time

4.3 Indication of immediate medical attention and special treatment needed

No further information available at this time

Section 5. Fire-fighting measures

5.1 Extinguishing Media

Carbon dioxide, foam or dry powder.
DO NOT USE A DIRECT WATER JET.

5.2 Special hazards arising from the substance or mixture

May produce Carbon dioxide and unidentified organic compounds.

5.3 Advice for fire-fighters

Wear protective clothing and avoid inhalation of vapours. Keep containers cool with water spray

Section 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Remove all sources of ignition.
Avoid inhalation, skin and eye contact.
Ensure proper ventilation.

6.2 Environmental precautions

Do not discharge directly into drains or the soil. Keep away from surface and ground water

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6.3 Methods and material for containment and cleaning up

Soak up spillage with sand or other inert absorbant material such as earth or vermiculite; transfer used material to a suitable waste container and dispose in accordance with regulations.

6.4 Reference to other sections

Refer to information in Sections 7, 8 and 13

Section 7. Handling and storage

7.1 Precautions for safe handling

Maintain good occupational and personal hygiene. Avoid inhalation and contact with skin and eyes.

7.2 Conditions for safe storage, including any incompatibilities

Store in tightly sealed original containers away from ignition sources and in a cool place.

7.3 Specific end use(s)

No further information available

Section 8. Exposure controls / personal protection

8.1 Control Parameters

No information

8.2 Exposure controls

Engineering controls

No information

Individual protection measures

Refer to Section 5 for specific fire/chemical personal protective equipment advice. Always wash routinely before breaks, meals and at the end of the work period.

Eye/face protection

Wear safety goggles.

Hand protection

Wear chemically resistant disposable gloves.

Other skin protection

Wear overalls. Always wash routinely before breaks, meals and at the end of the work period.

Respiratory protection

Not generally required. Use inhalation protection in poorly ventilated areas

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Thermal hazards

No information

Environmental exposure controls

No information

Section 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

FLASH POINT (°C) >65

9.2 Other information

No further information available

Section 10. Stability and reactivity

10.1 Reactivity

Not determined

10.2 Chemical Stability

Not determined

10.3 Possibility of hazardous reactions

Not determined

10.4 Conditions to avoid

Extreme temperatures

10.5 Incompatible materials

Highly reactive chemicals which may produce unknown reaction products and so cause additional hazards.

10.6 Hazardous decomposition products

Not determined

Section 11. Toxicological information

11.1 Information on toxicological effects

Acute toxicity

No data

Skin corrosion / irritation

No data

Serious eye damage / irritation

No data

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Respiratory or skin sensitisation

No data

Germ cell mutagenicity

No data

Carcinogenicity

No data

Reproductive toxicity

No data

STO-single exposure

No data

STO-repeated exposure

No data

Aspiration hazard

No data

Information on likely routes of exposure

No data

Symptoms related to the physical, chemical and toxicological characteristics

No data

Delayed and immediate effects as well as chronic effects from short and long-term exposure

No data

Interactive effects

No data

Other information

No data

Section 12. Ecological information

12.1 Toxicity

No data available. Avoid soil, surface water and water-bearing stratum contamination.

12.2 Persistence and degradability

No data

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12.3 Bioaccumulative potential

No data

12.4 Mobility in soil

No data

12.5 Results of PBT and vPvB assessment

No data

12.6 Other adverse effects

Section 13. Disposal considerations

Please refer to the information in section 8 (Exposure controls and personal protection)

13.1 Waste treatment methods

Dispose in accordance with the law and local regulations. Treat as trade effluent.

Section 14. Transport information

14.1 UN number Unknown

14.2 UN proper shipping name

14.3 Transport hazard class(es)

14.4 Packing group

Tunnel Code

14.5 Environmental Hazards

No relevant information available

14.6 Special precautions for user

No relevant information available

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

No relevant information available at this time

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out

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Section 16. Other information

Full list of precautionary phrases

| | |
|-----------|--|
| P261 | Avoid breathing fumes. |
| P273 | Avoid release to the environment. |
| P280 | Wear protective gloves and eye protection |
| P302+P352 | IF ON SKIN: Wash with plenty of water. |
| P333+P313 | If skin irritation or rash occurs: Get medical advice. |
| P501 | Dispose of contents and container in accordance with local regulation. |

Wording of any hazard classes listed in section 3

| | |
|--------|---------------------------------------|
| ATO 5 | Acute toxicity, oral, category 5 |
| ATD 4 | Acute toxicity, dermal, category 4 |
| SCI 2 | Skin corrosion/irritation, category 2 |
| SCI 3 | Skin corrosion/irritation, category 3 |
| SS 1A | Skin sensitisation, category 1A |
| EDI 2A | Eye damage/irritation, category 2A |
| EH A2 | Aquatic hazard, acute, category 2 |
| EH A3 | Aquatic hazard, acute, category 3 |

Wording of any hazard statements listed in section 3

| | |
|------|-------------------------------------|
| H303 | May be harmful if swallowed |
| H312 | Harmful in contact with skin |
| H315 | Causes skin irritation |
| H316 | Causes mild skin irritation |
| H317 | May cause an allergic skin reaction |
| H319 | Causes serious eye irritation |
| H401 | Toxic to aquatic life |
| H402 | Harmful to aquatic life |

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IFRA Conformity Certificate

Compound Name : STICKY TOFFEE ECO FRAGRANCE OIL

Code Number : DEV-50443

We certify that the above compound is in compliance with the standards of the INTERNATIONAL FRAGRANCE ASSOCIATION (IFRA-48th amendment), provided it is used at a maximum concentration level of:

| IFRA category (*) | Maximum level of use (%)(w/w) (**) |
|-------------------|------------------------------------|
| 1 (***) | 4.34 (***) |
| 2 | 4.34 |
| 3A | 10.85 |
| 3B | 10.85 |
| 3C | 10.85 |
| 3D | 10.85 |
| 4A | 10.85 |
| 4B | 10.85 |
| 4C | 10.85 |
| 4D | 10.85 |
| 5 | 10.85 |
| 6 (***) | 86.81 (***) |
| 7A | 8.68 |
| 7B | 8.68 |
| 8A | 10.85 |
| 8B | 10.85 |
| 9A | 10.85 |
| 9B | 10.85 |
| 9C | 10.85 |
| 10A | 10.85 |
| 10B | 10.85 |
| 11 | 100.00 |

(*) See annex for definition of IFRA categories

(**) Usage limit N/A = Not Applicable; no IFRA restrictions

(***) IFRA would recommend that any material used to impart perfume or flavour in products intended for human ingestion should consist of ingredients that are in compliance with appropriate regulations for foods and food flavourings

For other kinds of application or use at higher concentrations, a new safety evaluation may be needed; please contact White Rose Essential Oils

The IFRA Standards regarding 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.

The information contained herein is true and accurate to the best of our knowledge. All information is valid until revisions are issued. It is your responsibility to ensure that the usage of the fragrance ingredients and the levels of such usage are permitted at all times according to the relevant laws and regulations

Annex: Definition of IFRA QRA categories

| Finished Product Types | IFRA category |
|--|---------------|
| Lip Products of all types (solid and liquid lipsticks, balms, clear or colored, etc.) Children's Toys | 1 |
| 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 | 2 |
| Hydroalcoholic Products Applied To Recently Shaved Skin (includes After Shave) - EdT | 3A |
| Hydroalcoholic Products Applied To Recently Shaved Skin (includes After Shave) - Fine Fragrance | 3B |
| 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 | 3C |
| Tampons | 3D |
| EdT - Hydroalcoholic Products applied to unshaved skin (includes aqueous based, alcoholic based and hydroalcoholic) like Cologne, eau de cologne, Eau de Parfum or Parfum Ingredients of Perfume Kits Scent Pads, Foil packs Scent Strips for hydroalcoholic products | 4A |
| Fine Fragrance - Hydroalcoholic Products applied to unshaved skin (includes aqueous based, alcoholic based and hydroalcoholic) like Cologne, eau de cologne, Eau de Parfum or Parfum | 4B |
| 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) | 4C |
| Fragrancing Cream, Solid Perfumes | 4D |
| Facial Masks Women's Facial Creams/Facial Make-up, Hand Cream, Hand sanitizers, 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 | 5(*) 5 |
| Mouthwash, including Breath Sprays, Toothpaste | 6 |
| Intimate Wipes, Baby Wipes | 7A |
| Insect Repellent (intended to be applied to the skin) | 7B |
| Make-up Removers of all types (not including face cleansers), Hair Styling Aids Non-Spray of all types (mousse, gels, leave-conditioners, etc.), Nail Care, Powders and talcs, all types (except baby powders and talcs) | 8A |
| Hair Dyes | 8B |
| 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 | 9A |
| Feminine hygiene - pads, liners, Toilet paper, Wheat bags | 9B |
| 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) | 9C |

Annex: Definition of IFRA QRA categories - continued

| Finished Product Types | IFRA category |
|---|---------------|
| 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 | 10A |
| Diapers, Toilet seat wipes | 10B |
| <p>All non-skin contact or incidental skin contact including:</p> <p>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, 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)</p> | 11 |

* Class 5, Facial masks: There are several types of masks: peel off (similar to rinse-off, rinse-off and leave-on (you only remove the excess with a facial tissue). To ease the split the most restrictive, i.e. leave-on is applied for all.

** Liquitabs corresponds to a dose of liquids wrapped in a film: no contact with hands is expected under normal conditions of use

The table was prepared with the intention to cover the vast majority of the products; however it may not cover some specific applications. In this case other classes may be attributed based on a specific risk assessment.





Allergen Analysis

Compound Name : STICKY TOFFEE ECO FRAGRANCE OIL

Code Number : DEV-50443

| fragrance ingredient | CAS No. | Concentration present as a percentage (%) or 'A' for absent in fragrance | | |
|--|-------------------------|--|------------------------------|-------|
| | | Added as such | From natural & other sources | Total |
| alpha-iso-Methylionone | 127-51-5 | A | A | A |
| Amyl Cinnamal | 122-40-7 | A | A | A |
| Amylcinnamyl Alcohol | 101-85-9 | A | A | A |
| Anise Alcohol | 105-13-5 | A | A | A |
| Benzyl Alcohol | 100-51-6 | 0.68 | A | 0.68 |
| Benzyl Benzoate | 120-51-4 | A | A | A |
| Benzyl Cinnamate | 103-41-3 | 0.06 | A | 0.06 |
| Benzyl Salicylate | 118-58-1 | A | A | A |
| Butylphenyl Methylpropional (Lilial) | 80-54-6 | A | A | A |
| Cinnamal | 104-55-2 | 0.46 | A | 0.46 |
| Cinnamyl Alcohol | 104-54-1 | A | A | A |
| Citral | 106-26-3 | A | A | A |
| | 141-27-5 | | | |
| | 5392-40-5 | | | |
| Citronellol | 106-22-9 | A | A | A |
| | 1117-61-9 | | | |
| | 141-25-3 | | | |
| | 6812-78-8 | | | |
| | 68916-43-8 7540-51-4 | | | |
| Coumarin | 91-64-5 | 0.72 | A | 0.72 |
| Eugenol | 97-53-0 | A | A | A |
| Evernia Furfuraceae (Tree Moss) Extract | 90028-67-4 | A | A | A |
| Evernia Prunastri (Oak Moss) Extract | 90028-68-5 | A | A | A |
| Farnesol | 4602-84-0 | A | A | A |
| Geraniol | 106-24-1 | A | A | A |
| Hexyl Cinnamal | 101-86-0 | A | A | A |
| Hydroxycitronellal | 107-75-5 | A | A | A |
| Hydroxyisohexyl 3-Cyclohexene Carboxaldehyde (Lyral) | 31906-04-4 | A | A | A |
| Isoeugenol | 97-54-1 | A | A | A |
| Limonene | 138-86-3 | 0.04 | A | 0.04 |
| | 5989-27-5 | | | |
| | 5989-54-8 | | | |
| Linalool | 126-90-9 | A | A | A |
| | 126-91-0 | | | |
| | 78-70-6 | | | |
| Methyl 2-Octynoate | 111-12-6 | A | A | A |

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