



SAFETY DATA SHEET

According to 1907/2006/EC, Article 31 as amended by 453/2010/EC

Code Number : DEV-50415

Version 3 Revised 01/10/2015 16:52:24

1. IDENTIFICATION OF SUBSTANCE / MIXTURE AND COMPANY

Product Identifier

Compound Name : MINT FLAVOUR

Code Number : DEV-50415

Relevant identified uses of the substance/mixture and uses advised against

Concentrated fragrance material for manufacturing purposes only.

Details of the supplier of the safety data sheet

The Soap Kitchen

Unit 8 Caddsdwn Industrial

Park, Clovelly Road

Bideford

Devon

EX39 3DX

Telephone Number : 01237 420872

Email Address : Technical@thesoapkitchen.co.uk

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

GHS Classification according to EC1272/2008

ATO 5 : Acute toxicity, oral, category 5

SCI 2 : Skin corrosion/irritation, category 2

SS 1 : Skin sensitisation

EDI 2A : Eye damage/irritation, category 2A

EH A2 : Aquatic hazard, acute, category 2

EH C2 : Aquatic hazard, chronic, category 2



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EU DSD classification according to 67/548/EEC, 1999/45/EC, 2001/58/EC

Hazard Symbols



Xi: Irritant



N: Dangerous for the Environment

Risk Codes : R38,R43,R51/53

HydroCarbons : <= 10%

Additional Information

Full text of R and S phrases: see Section 16

GHS Labelling

Symbols



Signal Word Warning

Hazard Statements

- | | |
|------|---|
| H303 | May be harmful if swallowed |
| H315 | Causes skin irritation |
| H317 | May cause an allergic skin reaction |
| H319 | Causes serious eye irritation |
| H401 | Toxic to aquatic life |
| H411 | Toxic to aquatic life with long lasting effects |

Precautionary Statements

- | | |
|-----------|---|
| P261 | Avoid breathing fumes. |
| P264 | Wash hands thoroughly after handling |
| P273 | Avoid release to the environment. |
| P280 | Wear protective gloves and eye protection |
| P302+P352 | IF ON SKIN: Wash with plenty of soap and water. |



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

P337+P313 If eye irritation persists: Get medical attention.

Other Hazards

No data available at this time

3. COMPOSITION AND INFORMATION ON INGREDIENTS

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

Complex mixture of fragrance ingredients

Contains

| Chemical Name | CAS No. EC No. | Classification 67/548/EEC | Classification EC 1272/2008 | Conc (%) |
|---------------------------------|-------------------------|----------------------------------|------------------------------------|------------|
| Menthols | 89-78-1 201-939-0 | Xi; R38 | ATO 5(2300);EDI 2A;SCI 2;EH A3 | >=10%,<25% |
| Menthone | 10458-14-7 233-944-9 | Xi; R38,R43 | FL 4;ATO 5(2500);SCI 2;SS 1B;EH A3 | >=10%,<25% |
| Pinenes | 80-56-8 201-291-9 | Xn; R10,R38,R43,R65 | FL 3;ATO 5(3500);SCI 2;SS 1B;AH 1 | >=1%,<3% |
| d-Limonene (p-Mentha-1,8-diene) | 5989-27-5 227-813-5 | Xn,N; R10,R38,R43,R50/53,R 65 | FL 3;SCI 2;SS 1B;AH 1;EH A1,C1 | >=1%,<3% |
| l-Menthyl acetate | 2623-23-6 220-076-0 | N; R51/53 | FL 4;SCI 3;EH A2,C2 | >=1%,<3% |
| Pulegone | 15932-80-6 240-070-1 | Xn; R22 | FL 4;ATO 4(470);ATD 5(3100);SCI 3 | >=1%,<3% |

4. FIRST AID MEASURES

| | |
|--------------|--|
| General | : Take phrases in sections 2 and 15 into account |
| Inhalation | : Remove from the exposure area to fresh air. Contact a doctor if necessary. |
| Ingestion | : Wash mouth with plenty of water and obtain medical advice immediately. |
| 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. |
| Eye Contact | : Flush with plenty of water and seek medical advice if necessary. |



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5. FIRE-FIGHTING MEASURES

| | |
|---|---|
| Extinguishing Media | : Carbon dioxide, foam or dry powder DO NOT USE A DIRECT WATER JET. In case of overheating, cool containers to avoid a pressure increase. |
| Combustion Products | : Carbon dioxide and unidentified organic compounds. |
| Special Protective Equipment for Fire Fighters Only | : Wear protective clothing and avoid inhalation of vapours. |

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

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

Environmental precautions

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

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.

Reference to other sections

Take Risk, Safety and Precautionary phrases (section 16) into account



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7. HANDLING AND STORAGE

Precautions for safe handling

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

Conditions for safe storage, including any incompatibilities

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

Specific end use(s)

Not available at this time

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Control Parameters

-

Exposure Controls

Maintain adequate ventilation.

Personal Protection

Respiratory Protection : Not generally required. (Use inhalation protection in poorly ventilated areas)

Hand Protection : Wear chemically resistant disposable gloves.

Eye Protection : Wear safety goggles.

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



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9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Flash Point (°C) : Above 61

10. STABILITY AND REACTIVITY

Conditions to avoid : Extreme temperatures

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

Hazardous decomposition products : Not determined

11. TOXICOLOGY INFORMATION

Not available for a complex mixture of different substances.

12. ECOLOGICAL INFORMATION

Not available; avoid soil, surface water and water-bearing stratum contamination.

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORT INFORMATION

UN Number : 3082

Shipping Name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(MENTHA ARVENSIS OIL)

Class : 9

Packing Group : III

Tunnel Code : (E)



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15. REGULATORY INFORMATION

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

No relevant information available at this time

Chemical safety assessment

No data available at this time

Contains Limonene which may produce an allergic reaction

16. OTHER INFORMATION

Total fractional values:

| | | | | | |
|-----|--------|--------|--------|--------|---------|
| Xn | 0.0450 | R38 | 2.0750 | R43 | 15.0000 |
| R50 | 0.1000 | R50/53 | 0.1000 | R51/53 | 1.0800 |
| R53 | 0.1800 | R65 | 0.4000 | | |

Text of the risk and safety phrases listed in section 2

| | |
|-----------|--|
| R38 | Irritating to skin |
| R43 | May cause sensitisation by skin contact |
| R51/53 | Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment |
| S24 | Avoid contact with skin |
| S37 | Wear suitable gloves |
| S61 | Avoid release to the environment. Refer to special instructions/safety data sheet |
| P261 | Avoid breathing fumes. |
| P264 | Wash hands thoroughly after handling |
| P273 | Avoid release to the environment. |
| P280 | Wear protective gloves and eye protection |
| P302+P352 | IF ON SKIN: Wash with plenty of soap and water. |
| P333+P313 | If skin irritation or rash occurs: Get medical advice. |



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P337+P313 If eye irritation persists: Get medical attention.

Text of the risk phrases listed in section 3

| | |
|--------|---|
| R10 | Flammable |
| R22 | Harmful if swallowed |
| R38 | Irritating to skin |
| R43 | May cause sensitisation by skin contact |
| R50/53 | Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment |
| R51/53 | Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment |
| R65 | Harmful: may cause lung damage if swallowed |



IFRA Conformity Certificate

Compound Name : MINT FLAVOUR

Code Number : DEV-50415

We certify that the above compound is in compliance with the standards of the INTERNATIONAL FRAGRANCE ASSOCIATION (IFRA-47th amendment, published June 2013), provided it is used at a maximum concentration level of:

| IFRA category (*) | Maximum level of use (%) (w/w) (**) |
|-------------------|-------------------------------------|
| 1A,1B (***) | 64.00 (***) |
| 2 | 80.00 |
| 3A | 100.00 |
| 3B | 100.00 |
| 3C | 100.00 |
| 3D | 100.00 |
| 4A | 100.00 |
| 4B | 100.00 |
| 4C | 100.00 |
| 4D | 100.00 |
| 5 | 100.00 |
| 6 (***) | 100.00 (***) |
| 7A | 100.00 |
| 7B | 100.00 |
| 8A | 100.00 |
| 8B | 100.00 |
| 9A | 100.00 |
| 9B | 100.00 |
| 9C | 100.00 |
| 10A | 100.00 |
| 10B | 100.00 |
| 11A | 100.00 |
| 11B | 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 Kitara Ltd

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.

ANNEX: Definition of IFRA categories

| Finished Product Types | IFRA category |
|--|---------------|
| Lip products of all types (solid and liquid lipsticks, balms, clear or coloured, lipwax, etc.) Toys | 1A (**) |
| Waxes for mechanical hair removal | 1B |
| Deodorant and Antiperspirant Products of all types (pump spray, aerosol spray, stick, roll-on, under-arm and body, etc.) Fragranced Bracelets | 2 |
| Hydroalcoholic Products applied to recently shaved skin - EdT | 3A |
| Hydroalcoholic Products applied to recently shaved skin- 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, Ingredients of Perfume Kits, Scent Pads, Foil Packs, Scent Strips for Hydroalcoholic Products | 4A |
| Hydroalcoholic Products applied to unshaved skin - Fine fragrance | 4B |
| Hair styling aids sprays of all types (pumps, aerosol sprays etc.), Hair Deodorant Body Creams, Oils, Lotions, Fragrancing Creams of all types (except baby creams, lotions and oils) Fragrance Compounds for Cosmetic Kits, Foot Care Products, Body Paint for Adults | 4C |
| Fragrancing cream | 4D |
| Women's Facial Creams/Facial Make-up, Hand Cream, Facial Masks Hand Sanitisers, Wipes or Refreshing Tissues for Face, Neck, Hands, Body Baby Powder and Talc Hair Permanent and Other Hair Chemical Treatments (e.g. relaxers) but not hair dyes, Dry Shampoo or Waterless Shampoo | 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-in conditioners, etc.) Nail Care, Powders and talcs (not including baby powders and talcs) | 8A |
| Hair Dyes | 8B |
| Shampoos of all types (including baby shampoos), Conditioner (Rinse-Off), Face Cleansers of all types (washes, gels, scrubs, etc.), Liquid Soap, Bar Soap (Toilet Soap), Depilatory (not including waxes for mechanical hair removal), Shaving Creams of all types (stick, gels, foams, etc.) Body Washes of all types (including baby washes) and Shower Gels of all types Bath Gels, Foams, Mousses, Salts, Oils and other products added to bathwater | 9A |
| Feminine Hygiene – pads, liners, Toilet Paper Wheat bags | 9B |
| Other Aerosols (incl. air freshener sprays and air freshener pump sprays, but not deodorants / antiperspirants, hair styling aids spray and animal sprays) Facial Tissues, Napkins, Paper Towels | 9C |
| Handwash Laundry Detergents of all types including concentrates Machine Wash Laundry Detergents (liquids, powders, tablets etc.) including laundry bleaches and concentrates Fabric Softeners of all types including fabric softener sheets, Hand Dishwashing Detergent including concentrates Hard Surface Cleaners of all types (bathroom and kitchen cleansers, furniture polish etc.) Other Household Cleaning Products (fabric cleaners, soft surface cleaners, carpet cleaners etc.) Dry Cleaning Kits, Shampoo for pets | 10A |
| Diapers, Toilet Seat Wipes | 10B |
| All non-skin contact including: Air Fresheners and Fragrancing of all types (concentrated aerosol air fresheners, plug-ins, solid substrate, membrane delivery, ambient, electrical...) excluding aerosol products, Liquid refills for air fresheners (cartridge systems), Scent delivery system using a dry air technology that releases a fragrance without sprays, aerosols or heated oils (technology of nebulization), Air delivery systems Candles, Joss Sticks, Incense, Air freshening crystals, Fragranced lamp ring, Scent pack, Machine Only Laundry Detergent (e.g. liquid tabs), Toilet Blocks, Insecticides (mosquito coil, paper, electrical, for clothing etc.) excluding aerosols Fuels, Paints, Floor wax, Plastic articles (excluding toys) | 11A |
| All incidental skin contact including: Pot pourri, powders, fragrancing sachets, incense, Reed diffusers, Liquid refills for air fresheners (non-cartridge systems) Odoured Distilled Water (that can be added to steam irons), Machine Dishwash Detergent and Deodorizers Deodorizers/Maskers not intended for skin contact (e.g. fabric drying machine deodorizers, carpet powders) Treated Textiles (e.g. starch sprays, fabric treated with fragrances after wash, deodorizers for textiles or fabrics, tights with moisturizers) Infused socks, Scratch and sniff (sampling technology) Shoe Polishes, Cat litter, Animal Sprays (all types) | 11B |

(**) This IFRA certificate does not include a GRAS-FEMA conformity check



Allergen Analysis

Compound Name : MINT FLAVOUR

Code Number : DEV-50415

| 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 | A | A | A |
| Benzyl Benzoate | 120-51-4 | A | A | A |
| Benzyl Cinnamate | 103-41-3 | A | A | A |
| Benzyl Salicylate | 118-58-1 | A | A | A |
| Butylphenyl Methylpropional (Lilial) | 80-54-6 | A | A | A |
| Cinnamal | 104-55-2 | A | A | A |
| 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 | A | A | A |
| 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 (Lyrall) | 31906-04-4 | A | A | A |
| Isoeugenol | 97-54-1 | A | A | A |
| Limonene | 138-86-3 | A | 2.50 | 2.50 |
| | 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 |