

Certificate of Analysis

Product: Bergamot Calabrian Essential Oil, FCF
Product INCI: CITRUS AURANTIUM BERGAMIA FRUIT OIL
Best Before End: November 2023
CAS No.: 89957-91-5
EINECS No.: 289-612-9
Batch No.: 4416109

ANALYTICAL DETAILS	RANGE	RESULTS
APPEARANCE	LIQUID	
COLOUR	PALE YELLOW - YELLOW	
ODOUR	CITRUS BERGAMOT	
SPECIFIC GRAVITY @ 20°C	0.870 – 0.888	0.8724
REFRACTIVE INDEX @ 20°C	1.460 – 1.470	1.4602
OPTICAL ROTATION (°C)	-15.0 TO +35.0	+17.0

Legal disclaimer:

The information provided in this Certificate of Analysis is supplied to MADAR Corporation Limited by the manufacturer of the product and is correct to the best of our knowledge at the time of publication. It is given in good faith but no warranty is implied with respect to the quality and specification of the product. The information given only describes the parameters of the product with regard to the batch no. stated and is not to be considered as a warranty or quality specification, and does not constitute a legal relationship. The information contained in this Certificate of Analysis relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

ALLERGEN DECLARATION

Product: Bergamot FCF (Furocoumarin Free) Essential Oil

INCI: Citrus Aurantium Bergamia Fruit Oil

COSMETIC ALLERGENS

The following is from the 7th amendment of the cosmetic directive of the European Union Annex iii.

Annex IIIa reference		CAS Number	Total Allergen Inclusion %
67	Amyl cinnamal	122-40-7	0.00
68	Benzyl alcohol	100-51-6	0.00
69	Cinnamyl alcohol	104-54-1	0.00
70	Citral	5392-40-5	0.00
71	Eugenol	97-53-0	0.00
72	Hydroxy-citronellal	107-75-5	0.00
73	Isoeugenol	97-54-1	0.00
74	Amylcin-namyl alcohol	101-85-9	0.00
75	Benzyl salicylate	118-58-1	0.00
76	Cinnamal	104-55-2	0.00
77	Coumarin	91-64-5	0.00
78	Geraniol	106-24-1	0.00
79	Hydroxy-methylpentylcyclohexenecarboxaldehyd	31906-04-4	0.00
80	Anisyl alcohol	105-13-5	0.00
81	Benzyl cinnamate	103-41-3	0.00
82	Farnesol	4602-84-0	0.00
83	Butylphenyl Methylpropanol	80-54-6	0.00
84	Linalool	78-70-6	15.00
85	Benzyl benzoate	120-51-4	0.00
86	Citronellol	106-22-9	0.00
87	Hexyl cinnam-aldehyd	101-86-0	0.00
88	Limonene	5989-27-5	45.00
89	Methyl heptin carbonate	111-12-6	0.00
90	Alpha-Isomethyl Ionone	127-51-5	0.00
91	Oak Moss Extracts (Evernia Prunastri Extract)	90028-68-5	0.00
92	Tree Moss Extracts (Evernia Furfuracea extract)	90028-67-4	0.00

MYSTIC MOMENTS

FOOD ALLERGENS

The following is from the commission directive 2007/68/EC of 27th November 2007 amending annex IIIa to Directive 200/13/EC of the European Parliament & Council with regards to specific food ingredients.

Annex IIIa reference		Present in Product	Contamination Presence	Factory Presence
1	Cereals (Containing Gluten)	No	No	Yes
2	Crustaceans	No	No	No
3	Eggs	No	No	No
4	Fish	No	No	No
5	Peanuts	No	No	Yes
6	Soya	No	No	Yes
7	Milk	No	No	Yes
8	Nuts	No	No	Yes
9	Celery & celeriac	No	No	Yes
10	Mustard	No	No	Yes
11	Sesame	No	No	Yes
12	Sulphur Dioxide & Sulphates	No	No	No
13	Lupin	No	No	No
14	Mollusc	No	No	No

This product is food grade.

January 2020

MANUFACTURING FLOW CHART

TRADE NAME:

Bergamot, Essential Oil FCF (Furocoumarins Free)

Synonyms:

Bergamot, Essential Oil FCF (Furocoumarins Free)

INCI name:

Citrus Aurantium Bergamia Fruit Oil

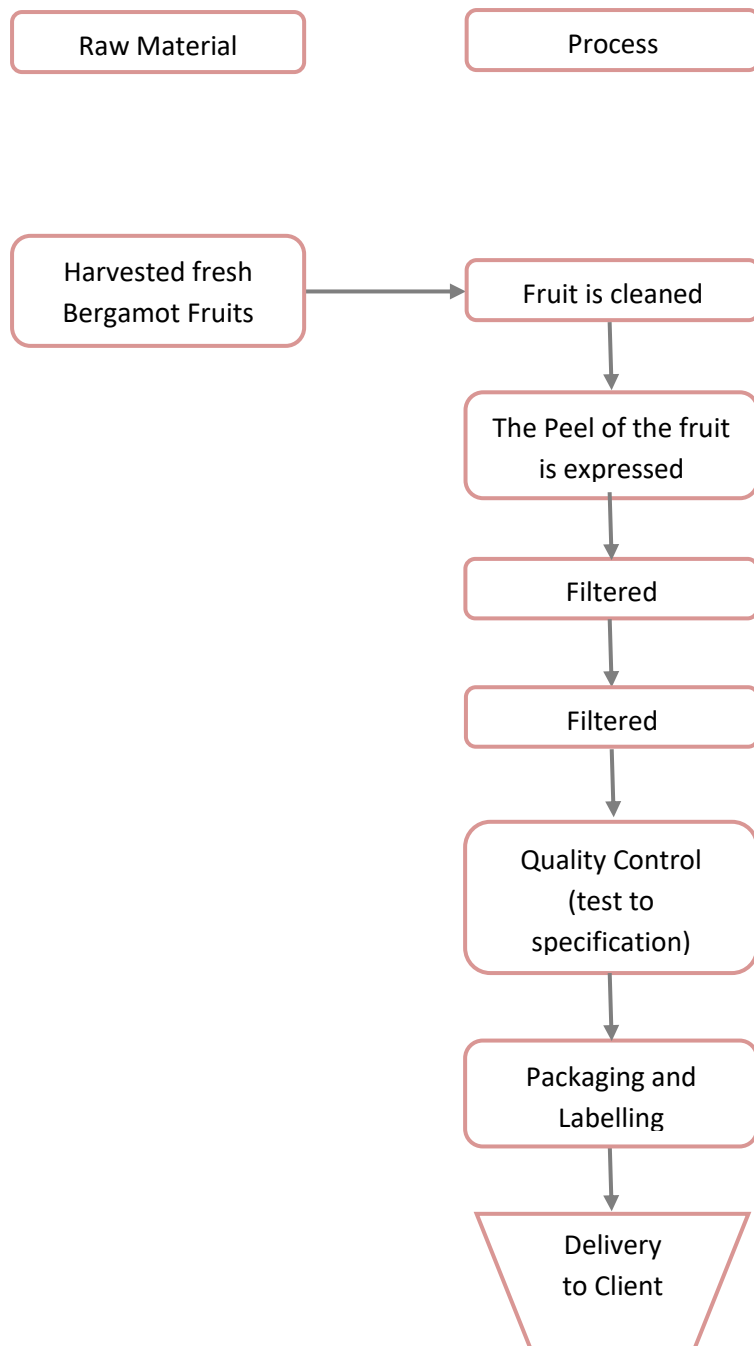
REACH Registered No.

Exemption under Annex V.

CAS No. 89957-91-5

EINECS No. 289-612-9

MYSTIC MOMENTS



GMO STATEMENT

Product: Bergamot, Essential Oil FCF (FUROCOUMARINS FREE)

Bergamot, Essential Oil FCF (FUROCOUMARINS FREE) which is supplied by MADAR Corporation Limited is produced from raw materials, using no materials of animal or vegetable origin. No gluten-containing raw materials or processing aids are used in the manufacture of Pearl Natural Oils Bergamot, Essential Oil FCF (FUROCOUMARINS FREE). Natural Oils Bergamot, Essential Oil FCF (FUROCOUMARINS FREE) does not contain any GMO (Genetically Modified Organism) material and do not contain detectable levels of genetically modified materials, (known as PCR negative).

MYSTIC MOMENTS

IFRA STATEMENT

Product: Bergamot Calabrian Essential Oil Fcf (Furocoumarins Free)
Product inci: Citrus Aurantium Bergamia Fruit Oil
CAS No.: 89957-91-5
EINECS No.: 289-612-9
Manufacturing Method: Expression

Restricted Component	CAS Number	% Level in product	IFRA Standard
Limonene	5989-27-5	≤ 45.0	Specification STD
Linalool	78-70-6	≤ 15.0	Specification STD
Citral	5392-40-5	≤ 1.50	Restriction STDS (QRA cat.)
Citronellol	106-22-9	≤ 0.03	Restriction STDS (QRA cat.)
Bergaptene	-	≤ 0.0005	Restriction STDS (QRA cat.)

IFRA Classes	% Maximum Use Level
Class 1	3.68
Class 2	4.6
Class 3A	18.43
Class 3B	18.43
Class 3C	18.43
Class 3D	18.43
Class 4A	55.29
Class 4B	55.29
Class 4C	55.29
Class 4D	55.29
Class 5	27.64
Class 6	92.16
Class 7A	9.21
Class 7B	9.21
Class 8A	100.0
Class 8B	100.0
Class 9A	100.0
Class 9B	100.0
Class 9C	100.0
Class 10A	100.0
Class 10B	100.0
Class 11	100.0

Finished product types	IFRA class
Toys; Lip Products of all types (solid and liquid lipsticks, balms, clear or colored etc...) .	Class 1
Deodorant and Antiperspirant products of all types (spray, stick, roll-on, under-arm and body etc...) .	Class 2
Hydroalcoholic products applied to recently shaved skin (EdT range)	Class 3.A
Hydroalcoholic products applied to recently shaved skin (fine fragrance range)	Class 3.B
Eye Products of all types (eye shadow, mascara, eyeliner, eye make-up, etc...) including eye cream. Men's Facial Creams and Balms.	Class 3.C
Tampons.	Class 3.D
Hydroalcoholic Products applied to unshaved skin (EdT range). Ingredients of Perfume Kits. Scent Strips for Hydroalcoholic Products, "scratch and sniff", other paper products not mentioned elsewhere for which skin exposure is only incidental (e.g. spectacle cleaning tissues).	Class 4.A
Hydroalcoholic Products applied to unshaved skin (Fine Fragrance range).	Class 4.B
Hair Styling Aids and Hair Sprays of all types (pumps, aerosol sprays, etc...); Hair Deodorant. Body Creams, Oils, Lotions of all types (including baby creams, lotions, oils). Fragrance Compounds for Cosmetic Kits, Foot Care Products	Class 4.C
Fragrancing Cream	Class 4.D
Women's Facial Creams/Facial Make-up (excluding eye cream); Facial Masks; Hand Cream Wipes or refreshing tissues for Face, Neck, Hands, Body.	Class 5
Mouthwash, Toothpaste.	Class 6
Intimate Wipes; Baby Wipes.	Class 7.A
Insect Repellent (intended to be applied to the skin).	Class 7.B
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. All Powders & Talcs (including baby powders and talcs).	Class 8
Liquid Soap, Bar Soap (toilet soap); Depilatory; Conditioner (rinse-off), 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...).Body Washes of all types (including baby washes).Shower Gels of all types; Bath Gels, Foams, Mousses, Salts, Oils and other products added to bathwater	Class 9.A
Feminine hygiene pads / liners.	Class 9.B
'Other' Aerosols (including air fresheners sprays but not including deodorant/antiperspirants, hair styling aids spray).	Class 9.C
Hand wash/Machine wash Laundry Detergents of all types (liquid, powder, tablet, etc...) including Laundry Bleaches. Other Household Cleaning Products (fabric cleaners, soft surface cleaners, carpet cleaners etc...) . Dry Cleaning Kits. Fabric Softeners of all types including fabric softener sheets. Hand Dishwashing Detergent. Hard Surface Cleaners of all types (bathroom and kitchen cleansers, furniture polish etc...). Shampoos for pets	Class 10.A
Diapers. Toilet seat wipes.	Class 10.B
All non-skin contact, including: Air Fresheners and fragrancing of all types (excluding aerosol products): plug-ins, solid substrate, membrane delivery; Toilet blocks; Joss Sticks, Incense; Insecticides (mosquito coil, paper, electrical, etc...excluding aerosols); Plastic articles (excluding toys); Candles; Fuels; Paints; Floor wax; Liquid refills for air fresheners (cartridge system)	Class 11.A

<p>All incidental skin contact, including:</p> <p>Machine Dish wash Detergents and Deodorizers. Machine only Laundry Detergents (e.g. liquitabs). Deodorizers/Maskers (e.g. fabric drying machine deodorizers, carpet powder). Pot pourri, fragrancing sachets, liquid refills for air fresheners (non-cartridge systems), etc... Shoe polishes; Cat Litter; Animal Sprays (excluding aerosols); Treated Textiles (e.g. starch sprays, fabric treated with fragrances after wash, deodorizers for textiles or fabrics, tights with moisturizers); Odored Distilled Water (that can be added to steam irons).</p>	<p>Class 11.B</p>
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The content of this data sheet is given in good faith and without warranty.

January 2020

MYSTIC MOMENTS

DATE : 01/04/20

SHEET 1 of 9

Bergamot, Essential Oil FCF (Furocoumarins Free)

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY NAME

1.1 TRADE NAME:

BERGAMOT, ESSENTIAL OIL FCF (FUROCOUMARINS FREE)

Synonyms:

INCI name:

CITRUS AURANTIUM BERGAMIA FRUIT OIL

REACH Registered No.

Exemption under Annex V.

CAS No. 89957-91-5

EC No. 289-612-9

EINECS No. 289-612-9

1.2 RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE

USES ADVISED AGAINST

No data available.

1.3 DETAILS OF THE SUPPLIER:

Madar Corporation Limited

19 - 20 Sandleheath Industrial Estate

Fordingbridge

SP6 1PA

Tel. +44 (0)1425 655 555

e-mail: technical@madarcorporation.co.uk

2. HAZARDS IDENTIFICATION

2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE:

Flammable Liquid, Hazard Category 3. Skin Corrosion / Irritation Category 2. Eye Damage / Irritation Category 2.

Sensitization - Skin Category 1. Aspiration Hazard Category 1. Hazardous To The Aquatic Environment - Acute Hazard

Category 1. Hazardous To The Aquatic Environment - Long-Term Hazard Category 1.

H226, Flammable Liquid And Vapour.

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.

2.2. LABEL ELEMENTS:

Label in accordance with Regulation (EC) No 1272/2008.

Contains: 601-029-00-7 (R)-P-MENTHA-1,8-DIENE EC 207-431-5 EUCALYPTOL.

Hazard pictograms:

GHS07



GHS07



GHS08



GHS09



Signal words: Danger.

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Bergamot, Essential Oil FCF (Furocoumarins Free)

Hazard statements:

H226, flammable liquid and vapour.

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.

H410, very toxic to aquatic life with long lasting effects.

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.

P301/310, if swallowed: immediately call a poison center or doctor/physician.

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.

P331, do not induce vomiting.

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.

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.

2.3 OTHER HAZARDS:

Adverse Physio-chemical Properties:

No data available.

Adverse Effects on Human Health:

No data available.

PBT or VPVB According to Annex xiii:

No data available.

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Bergamot, Essential Oil FCF (Furocoumarins Free)

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1. SUBSTANCES:

Not applicable

3.2 MIXTURES:

Mixtures:	Cas No	EINECS No:	CLASSIFICATION (EC 1272/2008)
38.3% LINALYL ACETATE	115-95-7	204-116-4	SKIN IRRIT. 2, H315; EYE IRRIT. 2, H319
≤ 45.0% LIMONENE	5989-27-5	227-813-5	FLAM. LIQ. 3 - H226, SKIN IRRIT. 2 - H315, SKIN SENS. 1 - H317, ASP. TOX. 1 - H304, AQUATIC ACUTE 1 - H400, AQUATIC CHRONIC 1 - H410
<15% LINALOOL	78-70-6	201-134-4	ACUTE TOX. 5 H303, SKIN IRRIT. 2 - H315, AQUATIC ACUTE 3 - H402
7.58% B-PINENE	127-91-3	20-872-5	FLAM. LIQ. 3 - H226, ASP. TOX. 1 - H304, SKIN IRRIT. 2 - H315, SKIN SENS. 1 - H317
7.56% Γ-TERPINENE (P-MENTHA-1,4-DIENE)	99-85-4	202-794-6	FLAM. LIQ. 3 - H226, ASP TOX. 1 - H304;
1.89% A-PINENE	80-56-8	201-291-9	FLAM. LIQ. 3, H226; ASP. TOX. 1, H304; SKIN SENS.1, H317; AQUATIC ACUTE 1, AQUATIC CHRONIC 1, H410
1.14% MYRCENE	123-35-3	204-622-5	FLAM. LIQ. 3 - H226, ASP. TOX. 1 - H304, AQUATIC CHRONIC 3 - H412
1.5% CITRAL	5392-40-5	226-394-6	SKIN IRRIT. 2 - H315, EYE IRRIT. 2 - H319, SKIN SENS. 1 - H317
0.56% GERANYL ACETATE	105-87-3	203-341-5	AQUATIC CHRONIC 2 - H411
0.41% BETA CARYOPHYLLENE	87-44-5	201-746-1	ASP. TOX. 1 - H304
0.22% P-MENTHA-1,3-DIENE	99-86-5	202-795-1	ASP. TOX. 1, H304, ACUTE TOX. 4, H302, AQUATIC CHRONIC 2, H411, FLAM. LIQ. 3, H226
0.22% P-CYMENE	99-87-6	202-796-7	FLAM. LIQ. 3 - H226, ASP. TOX. 1 - H304, ACUTE TOX. 5 - H303, AQUATIC CHRONIC 2, H411, SKIN IRRIT. 3 - H316
0.17% D,L-LIMONENE (ISOMER UNSPECIFIED)	7705-14-8	231-732-0	FLAM. LIQ. 3 - H226, ASP. TOX. 1 - H304, SKIN IRRIT. 2 - H315, SKIN SENS. 1 - H317, AQUATIC CHRONIC 1, H410

4. FIRST AID MEASURES

4.1. DESCRIPTION OF FIRST AID MEASURES:

General Information:

Always remove contaminated clothing immediately.

Eye contact:

Flush immediately with water for at least 15 minutes. Contact physician if symptoms persist

Skin contact:

Remove contaminated clothes. Wash thoroughly with soap and water. Contact physician if irritation persists

Ingestion:

Get medical attention immediately. Immediately call the doctor. Rinse mouth with water and obtain medical attention.

Inhalation:

Get medical attention immediately. Immediately call the doctor. Rinse mouth with water and obtain medical attention.

4.2 MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED:

May be fatal if swallowed and enters airways.

Causes skin irritation.

May cause an allergic skin reaction.

Causes serious eye irritation.

4.3 INDICATION OF ANY IMMEDIATE/SPECIAL TREATMENT NEEDED:

None expected, see section 4.1 for further information.

5. FIRE FIGHTING MEASURES

5.1 EXTINGUISHING MEDIA:

Suitable extinguishing media:

Foam, Co2, Dry Chemical Powder.

5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE:

Burning produces irritating, toxic and obnoxious fumes

5.3 PROTECTION FOR FIRE-FIGHTERS:

Special protective equipment for fire-fighters: wear positive-pressure self-contained breathing apparatus (scba) and appropriate protective clothing.

6. ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:

Ensure adequate ventilation of the working area, evacuate personnel to safe area, wear suitable protective equipment. No smoking, sparks, flames or other sources of ignition near spillage. Avoid contact with skin, eyes and clothing. Avoid inhalation.

6.2 ENVIRONMENTAL PRECAUTIONS:

Do not discharge into drains, water courses or onto the ground. Dispose of in line with local authority guidelines.

6.3 METHODS AND MATERIALS 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. Cover with an inert, inorganic, non-combustible absorbent material (e.g dry-lime, sand, soda ash).

6.4 REFERENCE TO OTHER SECTIONS:

Refer & consider section 13.

Refer & consider section 8

7. HANDLING AND STORAGE

7.1 PRECAUTIONS FOR SAFE HANDLING:

Advice for safe handling:

Handle in accordance with good hygiene and safety practice. 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:

Keep the product container tightly closed, in a dry, ventilated area. Keep away from potential sources of ignition and protected from light. Maintain limited contact with oxygen.

7.3 SPECIFIC END USES:

Flavours, fragrances: use in accordance with good manufacturing and industrial hygiene practices

8. EXPOSURE CONTROL/PERSONAL PROTECTION

8.1 CONTROL PARAMETERS:

No additional data available.

8.2 EXPOSURE CONTROLS:

Appropriate engineering controls:

None.

Personal protective equipment:

Eye protection:

Wear protective gloves/eye protection/face protection.

Hand Protection:

Wear protective gloves/eye protection/face protection.

Skin protection:

Wear protective clothing to reduce the risk of skin and eye contact.

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.

Hygiene measures:

Good personal hygiene practices are always advisable, especially when working with chemicals / oils.

Personal protection:

Avoid inhalation of the product. Avoid contact with skin and eyes.

Other:

Wear suitable protection to avoid contact with skin and eyes. Do not inhale vapours.

Process conditions:

Ensure area is well ventilated. Avoid vapour inhalation. Safety shower & eye bath.

Environmental exposure controls:

Avoid discharging into drainage water.

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Bergamot, Essential Oil FCF (Furocoumarins Free)

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Liquid
COLOUR:	Colourless, Pale Yellow
ODOUR:	Characteristic – Citrus, Bergamot
FLASH POINT (°C):	54.
RELATIVE DENSITY @ 20°C:	0.870 to 0.888
REFRACTIVE INDEX @ 20°C:	Approx 1.40
SOLUBILITY IN WATER @ 20°C:	Insoluble in water.

10. STABILITY AND REACTIVITY

10.1 REACTIVITY:

No data available.

10.2 CHEMICAL STABILITY:

Stable under recommended storage and handling conditions (See section 7).

10.3 HAZARDOUS REACTIONS:

None under normal processing.

10.4 CONDITIONS TO AVOID:

Storage at high temperatures. Do not store above 15°C. Avoid heat, flames and other sources of ignition

10.5 MATERIALS TO AVOID:

Oxidising agents. Concentrated Acids. Alkalis.

10.6 HAZARDOUS DECOMPOSITION PRODUCTS:

This product does not decompose under normal conditions. Under fire conditions the product will produce a mixture of irritating fumes & smoke & carbon monoxide.

11. TOXICOLOGICAL INFORMATION

11.1 INFORMATION ON TOXICOLOGICAL EFFECTS:

Acute Toxicity:

Assumed toxicity value (ld50 or ate) for acute oral toxicity: 13396.24

Assumed toxicity value (ld50 or ate) for acute dermal toxicity: 207373.27

Assumed toxicity value (lc50 or ate) for acute inhalation toxicity: n/a

Inhalation route: n/a

Oral:

No data available.

Dermal:

No data available.

Skin:

Causes skin irritation (H315).

Eye contact:

May cause eye irritation.

Respiratory or skin sensitivity:

On ingestion: there may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur. There may be vomiting.

Germ cell mutagenicity:

No data available.

Reproduction toxicity:

No data available.

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Bergamot, Essential Oil FCF (Furocoumarins Free)

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Carcinogenicity:

No data available.

STOT-single exposure:

No data available.

STOT-repeated exposure:

No data available.

Aspiration hazard:

Fatal if swallowed and enters airways.

12. ECOLOGICAL INFORMATION

12.1 TOXICITY:

Harmful to aquatic life with long lasting effects.

12.2 PERSISTENCE AND DEGRADABILITY:

No data available.

12.3 BIOACCUMULATIVE POTENTIAL:

None.

12.4 MOBILITY IN SOIL:

None.

12.5 RESULTS OF PBT and vPvB ASSESSMENT:

This substance does not meet the pbt/vpnb criteria of reach, annex xiii.

12.6 OTHER ADVERSE EFFECTS:

Do not allow product to enter streams, sewers or other waterways.

13. DISPOSAL CONSIDERATIONS

13.1 WASTE TREATMENT METHODS:

Always recover spilled product. Discard waste material with authorized waste management services. Act in accordance with local & national waste regulations.

14. TRANSPORT INFORMATION

14.1 TRANSPORT INFORMATION:

UN number:

ROAD: 1169 SEA: 1169 AIR: 1169

14.2 TRANSPORT IMDG:

EXTRACTS, AROMATIC, LIQUID.

14.3 TRANSPORT ICAO-TI/IATA:

ADR/RID/ADN class: 3 flammable liquid. IMDG class: 3 flammable liquid. ICAO class/division: 3 flammable liquid.



Transport labels

14.4 OTHER INFORMATION:

ADR/RID/ADN packing group iii IMDG packing group iii ICAO packing group iii

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Bergamot, Essential Oil FCF (Furocoumarins Free)

14.5 ENVIRONMENTAL HAZARDS:

Environmentally hazardous substance/marine pollutant.



14.6 SPECIAL PRECAUTIONS FOR USER:

See sections 6 to 8.

14.7 TRANSPORT IN BULK ACCORDING TO ANNEXII OF MARPOL AND THE IBC CODE:

Not relevant.

15. REGULATORY INFORMATION

15.1 SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE:

EU Directives:

Regulation (EC) No 1907/2006 of the European Parliament and of the council of 18th December 2006. Concerning the registration, evaluation, authorization & restriction of chemicals (REACH), establishing a European Chemicals Agency, amending Directive 199/45/EC and repealing council regulation (EEC) No793/93 & commission regulation (EC) No1488/94 as well as council directive 76/769/EEC & commission directive 91/155/ECC, 93/67/ECC, 93/105/EEC & 2000/21/EC (including amendments).

Statutory Instruments:

The Chemicals (Hazard Information & Packaging for Supply Regulations 2009 (S.I.2009 No 716).

Approved Code of Practice:

Classification & labelling of substances & preparations dangerous for supply. Safety data sheets for substances & preparations.

Guidance Notes:

Workplace exposure limits EH40. CHIP for everyone HSG 108.

15.2 CHEMICAL SAFETY ASSESSMENT:

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16. OTHER INFORMATION

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.

H410 very toxic to aquatic life with long lasting effects.

H411 toxic to aquatic life with long lasting effects.

H412 harmful to aquatic life with long lasting effects.

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Bergamot, Essential Oil FCF (Furocoumarins Free)

Legal disclaimer:

The information provided in this safety data sheet is correct to the best of our knowledge at the time of publication. It is given in good faith but no warranty is implied with respect to the quality and specification of the product. The information given only describes the products with regard to safety arrangements and is not to be considered as a warranty or quality specification and does not constitute a legal relationship. The information contained in this Safety Data Sheet relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

The customer must satisfy themselves that the product is entirely suitable for their own purposes.

Although certain hazards may be described we cannot predict that these are the only hazards, or combination of hazards, that may exist in a workplace. This MSDS, therefore, forms a component only of a risk assessment carried out by, or on behalf of, the user.

BERGAMOT ESSENTIAL OIL

Technical Data

Appearance	Liquid
Colour	Pale Yellow, Yellow
Odour	Citrus Bergamot
Specific Gravity	0.870 – 0.888 @ 20°C
Refractive Index	1.460 – 1.470@ 20°C
Optical Rotation (°C)	-15.0 TO +35.0
CAS No.	89957-91-5
EINECS No.	289-612-9
INCI Name	CITRUS AURANTIUM BERGAMIA FRUIT OIL
Shelf Life	24 months from Manufacture

Extraction Method: Expression

Storage: Store in a cool dry place away from heat & sunlight.

The content of this data sheet is given in good faith and without warranty.

MADAR Corporation Limited makes the limited warranty that at the date of delivery this product will be free from defects in materials and workmanship.

No warranty of merchantability, fitness for any use, or any other warranty is expressed or to be implied, regarding the accuracy of this data. The results to be obtained from the use thereof, or the hazards connected with the use of this product.

We assume no liability for any alleged ineffectiveness of the product or any injury or damage, direct or consequential, resulting from the use of this product unless such injury or damage is solely attributable to negligence on the part of MADAR Corporation Limited

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DECLARATION AND CONFORMITY VEGAN STATEMENT

Product: Bergamot, Essential Oil FCF (FUROCOUMARINS FREE) MADAR Corporation Limited declare that our product is suitable for Vegans.