



Absolute Aromas Limited
2 Grove Park
Mill Lane
Alton
Hampshire
GU34 2QG
Phone: +44 (0) 1420 540 400
Fax: +44 (0) 1420 540 401
Email: oils@absolute-aromas.com

MATERIAL SAFETY DATA SHEET FOR
Fractionated Coconut Oil
Cocos Nucifera Product Reference T520

1. CHEMICAL COMPOSITION: INCLUDING HAZARDOUS COMPONENTS:

This Carrier Oil is obtained by the expression of Coconut, and is the lighter melting fraction. Chemically it is the glyceride esters of fatty acids: principally Myristic Lauric acids.

The oil is non hazardous but is labelled according to regulation 96/54/EC.

2. HAZARDOUS IDENTIFICATION: This product is not hazardous

3. FIRST AID PROCEDURES:

Skin Contact:	Wash off with soap and water.
Eye Contact:	Rinse with sterile water.
Inhalation:	Oil is non volatile.
Ingestion:	If swallowed do not induce vomiting, seek medical advice.

4. FIRE FIGHTING PROCEDURES:

Suitable Extinguishers:	Normal extinguishers can be used (CO ₂ , powders, foams, halogens).
Unsuitable Extinguishers:	Direct water jet.
Fire Hazard:	Products of combustion – Oxides of Carbon, burning fumes are acrid.

5. ACCIDENTAL RELEASE PROCEDURES:

Safety Clothing:	Wear clothing suitable for an emergency.
Environmental Precautions:	Contain the leak with earth or sand. Prevent from entering drains and sewers; if this cannot be done advise the local authority.
Clean Up Procedure:	Absorb spillage onto sand or earth. Transfer to a suitable container for disposal.

6. HANDLING & STORAGE PROCEDURES:

Handling:	Avoid spillage and eye contact (gloves and goggles recommended).
Ventilation:	Good general ventilation required.
Storage Conditions:	Store at ambient temperature in a dark container. Store away from oxidizing substances e.g. Bleach. Store in full containers; Stainless Steel for bulk or glass for small quantities.

7. EXPOSURE CONTROL/PERSONAL PROTECTION:

Respiratory:	Use only in well ventilated areas. Use protection in poor ventilation.
Hand Protection:	Wear gloves.
Eye Protection:	Wear goggles
Skin Protection:	Wear suitable protection clothing

8. PHYSICAL & CHEMICAL PROPERTIES:

Appearance:	Mobile Liquid.
Odour:	Typical fatty oil
Colour:	Colourless- Pale Straw.
Solubility:	a. Solvent – Soluble
	b. Alcohol – Slightly soluble
	c. Water – Insoluble

Specific Gravity: 20°C 0.915 – 0.930.

9. REACTIVITY & STABILITY:

The oil is stable under normal storage conditions. After opening, the oil is prone to air oxidation and may start to deteriorate after six months.

Synergistic Reaction:	None.
Materials to avoid:	Oxidizing agents.
Polymerisation Hazard:	None.

10. TOXICOLOGICAL INFORMATION:

Hazardous Effects

Inhalation:	None
Skin Contact:	None.
Eye Contact:	None.
Ingestion:	None.

11. ECOLOGICAL DATA

This product is not known to be harmful to the environment.

12. DISPOSAL METHODS:

Recover the product where possible or bury in authorised landfill sites according to local authority regulations.

13. TRANSPORT REGULATIONS:

Road:	Not required
Rail:	Not required
Air:	Not required

14. REGULATORY INFORMATION:

Labels for Conveyance:	Xn. R10. R10
Labels for Supply:	Xn. R10. R22. R65. S62.

15. FURTHER INFORMATION:

Whilst Absolute Aromas Ltd give the above advice in good faith, it is not intended to be a substitute for customers own testing to ascertain good safety procedures.

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Safety information is under continuous review.



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MATERIAL SAFETY DATA SHEET FOR
Grapeseed Oil
Vitis Vinifera Product Reference T530

1. CHEMICAL COMPOSITION: INCLUDING HAZARDOUS COMPONENTS:

This Carrier Oil is obtained by the extraction of the seeds of the grape. Chemically it is the glyceride esters of fatty acids: principally Linoleic Acid 60/75% and Oleic 20-25%

The oil is non hazardous but is labelled according to regulation 96/54/EC.

2. HAZARDOUS IDENTIFICATION: This product is not hazardous

3. FIRST AID PROCEDURES:

Skin Contact:	Wash off with soap and water.
Eye Contact:	Rinse with sterile water.
Inhalation:	Oil is non volatile.
Ingestion:	If swallowed do not induce vomiting, seek medical advice.

4. FIRE FIGHTING PROCEDURES:

Suitable Extinguishers:	Normal extinguishers can be used (CO ₂ , powders, foams, halogens).
Unsuitable Extinguishers:	Direct water jet.
Fire Hazard:	Products of combustion – Oxides of Carbon, burning fumes are acrid.

5. ACCIDENTAL RELEASE PROCEDURES:

Safety Clothing:	Wear clothing suitable for an emergency.
Environmental Precautions:	Contain the leak with earth or sand. Prevent from entering drains and sewers; if this cannot be done advise the local authority.
Clean Up Procedure:	Absorb spillage onto sand or earth. Transfer to a suitable container for disposal.

6. HANDLING & STORAGE PROCEDURES:

Handling:	Avoid spillage and eye contact (gloves and goggles recommended).
Ventilation:	Good general ventilation required.
Storage Conditions:	Store at ambient temperature in a dark container. Store away from oxidizing substances e.g. Bleach. Store in full containers; Stainless Steel for bulk or glass for small quantities.

7. EXPOSURE CONTROL/PERSONAL PROTECTION:

Respiratory:	Use only in well ventilated areas. Use protection in poor ventilation.
Hand Protection:	Wear gloves.
Eye Protection:	Wear goggles
Skin Protection:	Wear suitable protection clothing

8. PHYSICAL & CHEMICAL PROPERTIES:

Appearance:	Mobile Liquid.
Odour:	Typical fatty oil
Colour:	Pale Green.
Solubility:	a. Solvent – Soluble
	b. Alcohol – Slightly soluble
	c. Water – Insoluble

Specific Gravity: 25°C 0.915 – 0.923.

9. REACTIVITY & STABILITY:

The oil is stable under normal storage conditions. After opening, the oil is prone to air oxidation and may start to deteriorate after six months.

Synergistic Reaction:	None.
Materials to avoid:	Oxidizing agents.
Polymerisation Hazard:	None.

10. TOXICOLOGICAL INFORMATION:

Hazardous Effects

Inhalation:	None
Skin Contact:	None.
Eye Contact:	None.
Ingestion:	None.

11. ECOLOGICAL DATA

This product is not known to be harmful to the environment.

12. DISPOSAL METHODS:

Recover the product where possible or bury in authorised landfill sites according to local authority regulations.

13. TRANSPORT REGULATIONS:

Road:	Not required
Rail:	Not required
Air:	Not required

14. REGULATORY INFORMATION:

Labels for Conveyance:	Xn. R10. R10
Labels for Supply:	Xn. R10. R22. R65. S62.

15. FURTHER INFORMATION:

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MATERIAL SAFETY DATA SHEET FOR
Bergamot Oil
Citrus Bergamia, Product Reference T102
EINECS CAS 89957-91-5 USA CAS 8007-75-8

1. CHEMICAL COMPOSITION: INCLUDING HAZARDOUS COMPONENTS:

This is a natural Essential Oil produced by cold expression of the fruit. The principal constituents are α -Pinene, β -Pinene, d-Limonene and terpene waxes. Linalool, Geraniol and Linalyl Acetate are also present. The oil also contains approx 0.3- 0.5% bergaptene and is, therefore, phototoxic. The oil is classified as hazardous and is phototoxic.

2. HAZARDOUS IDENTIFICATION:

This product is required to be labelled according to the regulation 96/54/EC governing hazardous substances. The Hydrocarbon content is 55%.

3. FIRST AID PROCEDURES:

Skin Contact:	Rinse with running water. Remove contaminated clothing.
Eye Contact:	Rinse with sterile water or an approved eyewash solution for 15 minutes.
Inhalation:	Move to fresh air and rest.
Ingestion:	If swallowed do not induce vomiting, seek medical advice and show the label or container.

4. FIRE FIGHTING PROCEDURES:

Suitable Extinguishers:	Normal extinguishers can be used (CO ₂ , powders, foams, halogens).
Unsuitable Extinguishers:	Direct water jet.
Fire Hazard:	Products of combustion – Oxides of Carbon.

5. ACCIDENTAL RELEASE PROCEDURES:

Safety Clothing:	Wear clothing suitable for an emergency.
Environmental Precautions:	Contain the leak with earth or sand. Prevent from entering drains and sewers; if this cannot be done advise the local authority.
Clean Up Procedure:	Absorb spillage onto sand or earth. Transfer to a suitable container for disposal.

6. HANDLING & STORAGE PROCEDURES:

Handling:	Avoid spillage and eye contact (gloves and goggles recommended).
Ventilation:	Good general ventilation required.
Storage Conditions:	Store at ambient temperature in a dark container. Store away from oxidizing substances e.g. Bleach. Store in full containers; Stainless Steel for bulk or glass for small quantities.

7. EXPOSURE CONTROL/PERSONAL PROTECTION:

Respiratory:	Use only in well ventilated areas. Use protection in poor ventilation.
Hand Protection:	Wear gloves.
Eye Protection:	Wear goggles
Skin Protection:	Wear suitable protection clothing

8. PHYSICAL & CHEMICAL PROPERTIES:

Appearance:	Mobile Liquid.
Odour:	Citrus Cologne.
Colour:	Dark Green.
Solubility:	a. Solvent – Soluble
	b. Alcohol – Soluble
	c. Water – Insoluble
Boiling Point:	Not reported.
Flash Point:	50°C. C.O.C.
Specific Gravity:	20°C 0.865 – 0.875.
Vapour Pressure mm:	Not reported.

9. REACTIVITY & STABILITY:

The oil is stable under normal storage conditions. After opening, the oil is prone to air oxidation and may start to deteriorate after twelve months.

Synergistic Reaction:	Not reported.
Materials to avoid:	Oxidizing agents.
Polymerisation Hazard:	None.

10. TOXICOLOGICAL INFORMATION:

Hazardous Effects

Inhalation:	Non Hazardous.
Skin Contact:	Harmful. Phototoxic.
Eye Contact:	Irritant.
Ingestion:	Harmful if swallowed.

11. ECOLOGICAL DATA

This is a degradable product, however, do not release directly into the environment.

12. DISPOSAL METHODS:

Recover the product where possible or bury in authorised landfill sites according to local authority regulations.

13. TRANSPORT REGULATIONS:

Road:	Xn - Hazardous
Rail:	Xn - Hazardous
Air:	Xn - Hazardous
UN-No:	UN1169
Proper Shipping Name:	Extracts, Aromatic, Liquid
IMDG Class:	3
Packing Group	III

14. REGULATORY INFORMATION:

Labels for Conveyance:	Xn - Harmful
Labels for Supply:	Xn. R10. R21. R22. R65. S62.

15. FURTHER INFORMATION:

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SAFETY DATA SHEET

Printed on 16 May 2017

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

Code Number : NAT-11560

Version 1 Revised 02/05/2014 11:27:30

1. IDENTIFICATION OF SUBSTANCE / MIXTURE AND COMPANY

Product Identifier

Compound Name : CHAMOMILE, GERMAN OIL{B140}

Code Number : NAT-11560

Relevant identified uses of the substance/mixture and uses advised against
Concentrated material for manufacturing purposes only.

Details of the supplier of the safety data sheet

Absolute Aromas
Absolute Aromas Ltd
1 Absolute House
Mill Lane
Alton
Hampshire
GU34 2PX

Telephone Number : +44 (0) 1420 540400

Email Address : Relax@absolute-aromas.com

Emergency Tel No : +44 (0) 1420 540400

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

CLP Classification according to EC1272/2008

EH C3 : Aquatic hazard, chronic, category 3

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

Hazard Symbols



Xn: Harmful

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Code Number : NAT-11560

Version 1 Revised 02/05/2014 11:27:30

Risk Codes : R52/53,R65

HydroCarbons : <= 10%

Additional Information

Full text of R and S phrases: see Section 16

CLP Labelling

Symbols

Signal Word

Hazard Statements

H304 May be fatal if swallowed and enters airways

H412 Harmful to aquatic life with long lasting effects

Precautionary Statements

P501 Dispose of Local Environment Regulations in accordance with regulation.

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

Description Chamomile oil, Blue; (Matricaria chamomilla)

REACH Reg No

USCAS Number 8002-66-2

CAS Number 84082-60-0

EINECS 282-006-5

Hazardous substances in complex natural material

Chemical Name	CAS No. EC No.	Classification 67/548/EEC	Classification EC 1272/2008	Conc (%)
beta-Farnesene	18794-84-8 242-582-0	Xn; R65	AH 1	10.0000
6-Methyl-5-hepten-2-one (MHO)	110-93-0 203-816-7	Xi; R10,R36	FL 3	2.5000

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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.

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

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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

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)	: 120
Liquid	: Viscous Liquid
Colour	: Ink Blue
Aroma	: Herbaceous

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

No data available

12. ECOLOGICAL INFORMATION

No data 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.

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Code Number : NAT-11560

Version 1 Revised 02/05/2014 11:27:30

14. TRANSPORT INFORMATION

UN Number : Not Regulated

Shipping Name :

Class :

Packing Group :

Tunnel Code :

Environmental Hazards :

No relevant information available

Special precautions for user :

No relevant information available

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code :

Not applicable

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

A chemical safety assessment has not been carried out

Contains nothing known from the allergens list which may produce an allergic reaction

16. OTHER INFORMATION

Text of the risk and safety phrases listed in section 2

R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment

R65 Harmful: may cause lung damage if swallowed

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S24	Avoid contact with skin
S61	Avoid release to the environment. Refer to special instructions/safety data sheet
S62	If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label
P301+P310	IF SWALLOWED: Immediately call %.
P331	Do NOT induce vomiting.
P401	Store in accordance with %
P501	Dispose of Local Environment Regulations in accordance with regulation.

Text of the risk phrases listed in section 3

R10	Flammable
R36	Irritating to eyes
R65	Harmful: may cause lung damage if swallowed

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IFRA Conformity Certificate

Compound Name : CHAMOMILE, GERMAN OIL{B140}

Code Number : NAT-11560

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 (**)	N/A (**)
2	N/A
3A	N/A
3B	N/A
3C	N/A
3D	N/A
4A	N/A
4B	N/A
4C	N/A
4D	N/A
5	N/A
6 (**)	N/A (**)
7A	N/A
7B	N/A
8A	N/A
8B	N/A
9A	N/A
9B	N/A
9C	N/A
10A	N/A
10B	N/A
11	N/A

(*) 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 Absolute Aromas

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. liquid tabs)***, Plastic articles (excluding toys), Fuels, Frangranced 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.

** Liquid tabs 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.



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Allergen Analysis

Compound Name : CHAMOMILE, GERMAN OIL{B140}

Code Number : NAT-11560

ingredient	CAS No.	Concentration present as a percentage (%) or 'A' for absent in		
		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
Hydoxycitronellal	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	A	A
	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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Absolute Aromas Limited
2 Grove Park
Mill Lane
Alton
Hampshire
GU34 2QG
Phone: +44 (0) 1420 540 400
Fax: +44 (0) 1420 540 401
Email: oils@absolute-aromas.com

MATERIAL SAFETY DATA SHEET FOR
Geranium Oil, Egyptian
Pelargonium Graveolens, Product Reference T176
EINECS CAS 90082-51-2 USA CAS 8000-46-2

1. CHEMICAL COMPOSITION: INCLUDING HAZARDOUS COMPONENTS:

The essential oil is steam distilled in Egypt from the Geranium plant. The principal constituents are Rhodinol (Citronellol/Geraniol), Terpenes and Esters.

The oil is classified as hazardous.

2. HAZARDOUS IDENTIFICATION:

This product is required to be labelled according to the regulation 96/54/EC governing hazardous substances. Hydrocarbon content is 15%.

3. FIRST AID PROCEDURES:

Skin Contact:	Rinse with running water. Remove contaminated clothing.
Eye Contact:	Rinse with sterile water or an approved eyewash solution for 15 minutes.
Inhalation:	Move to fresh air and rest.
Ingestion:	If swallowed do not induce vomiting, seek medical advice immediately, show label or container.

4. FIRE FIGHTING PROCEDURES:

Suitable Extinguishers:	Normal extinguishers can be used (CO ₂ , powders, foams, halogens).
Unsuitable Extinguishers:	Direct water jet.
Fire Hazard:	Products of combustion – Oxides of Carbon.

5. ACCIDENTAL RELEASE PROCEDURES:

Safety Clothing:	Wear clothing suitable for an emergency.
Environmental Precautions:	Contain the leak with earth or sand. Prevent from entering drains and sewers; if this cannot be done advise the local authority.
Clean Up Procedure:	Absorb spillage onto sand or earth. Transfer to a suitable container for disposal.

6. HANDLING & STORAGE PROCEDURES:

Handling:	Avoid spillage and eye contact (gloves and goggles recommended).
Ventilation:	Good general ventilation required.
Storage Conditions:	Store at ambient temperature in a dark container. Store away from oxidizing substances e.g. Bleach. Store in full containers; Stainless Steel for bulk or glass for small quantities.

7. EXPOSURE CONTROL/PERSONAL PROTECTION:

Respiratory:	Use only in well ventilated areas. Use protection in poor ventilation.
Hand Protection:	Wear gloves.
Eye Protection:	Wear goggles
Skin Protection:	Wear suitable protection clothing

8. PHYSICAL & CHEMICAL PROPERTIES:

Appearance:	Mobile Liquid.
Odour:	Rose-like.
Colour:	Dark Green - Brown.
Solubility:	a. Solvent – Soluble
	b. Alcohol – Soluble
	c. Water – Insoluble
Boiling Point:	Not reported.
Flash Point:	85°C
Specific Gravity:	20°C 0.897 – 0.898.
Vapour Pressure mm:	Not reported.

9. REACTIVITY & STABILITY:

The oil is stable under normal storage conditions. After opening, the oil is prone to air oxidation and may start to deteriorate after twelve months.

Synergistic Reaction:	Not reported.
Materials to avoid:	Oxidizing agents.
Polymerisation Hazard:	None.

10. TOXICOLOGICAL INFORMATION:

Hazardous Effects

Inhalation:	Hazardous.
Skin Contact:	Concentrated oil may cause skin degreasing with some irritation.
Eye Contact:	Irritant.
Ingestion:	Hazardous.

11. ECOLOGICAL DATA

This is a degradable product, however, do not release directly into the environment.

12. DISPOSAL METHODS:

Recover the product where possible or bury in authorised landfill sites according to local authority regulations.

13. TRANSPORT REGULATIONS:

Road:	Xn. R65.
Rail:	Xn. R65.
Air:	Xn. R65.
UN-No:	1169
Proper Shipping Name:	Extracts, Aromatic, Liquid
IMDG Class:	3
Packing Group	III

14. REGULATORY INFORMATION:

Labels for Conveyance:	Xn Hazardous.
Labels for Supply:	Xn. R65. S62

15. FURTHER INFORMATION:

Whilst Absolute Aromas Ltd give the above advice in good faith, it is not intended to be a substitute for customers own testing to ascertain good safety procedures.

These regulations were designed for handling bulk products and to readily identify Toxic & Safety Data.

Safety information is under continuous review.



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SAFETY DATA SHEET

Printed on 12 June 2018

CLP: According to 2015/830/EU

Code Number NAT-11852

Version 5 Revised 12/06/2018 09:19:56

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

1.1 Product Identifier

Product Name LAVENDER FRENCH OIL {B180}
Code Number NAT-11852
Alternative Name
REACH Reg No Not registered

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

Concentrated material for fragrances, natural cosmetics and spa treatments

1.3 Details of the supplier of the safety data sheet

Absolute Aromas
Absolute Aromas Ltd
1 Absolute House
Mill Lane
Alton
Hampshire
GU34 2PX
Telephone Number +44 (0) 1420 540400
Email Address Relax@absolute-aromas.com

1.4 Emergency Tel No +44 (0) 1420 540400

2. HAZARD IDENTIFICATION

2.1 Classification of the substance or mixture

SCI 2 Skin corrosion/irritation, category 2
SS 1 Skin sensitisation, category 1
EDI 2 Eye damage/irritation, category 2
EH C3 Aquatic hazard, chronic, category 3

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CLP Label elements

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

Hazard Pictograms



Signal Word Warning

Hazard Statements

- | | |
|------|---------------------------------------------------|
| 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 |

Precautionary Statements

- | | |
|----------------|----------------------------------------------------------------------------------------------------------------------------------|
| P280 | Wear protective gloves and eye protection |
| P302+P352 | IF ON SKIN: Wash with plenty of water. |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P333+P313 | If skin irritation or rash occurs: Get medical advice. |
| P337+P313 | If eye irritation persists: Get medical attention. |
| P501 | Dispose of contents and container in accordance with local regulation. |

2.3 Other Hazards

Contains Coumarin, Geraniol and Linalool which may produce an allergic reaction

No further information available at this time

3. Composition / information on ingredients

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

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Code Number NAT-11852

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3.1 Substances

Description LAVENDER FRENCH OIL {B180}
EC/EINECS 289-995-2
CAS Number 90063-37-9
USCAS Number 8000-28-0

Hazardous components

ID Numbers	Chemical Name, Classification and Hazards	Conc (%)
CAS 115-95-7 EINECS 204-116-4 REACH	Linalyl acetate SCI 2; EDI 2 H315, H319	36.0000
CAS 78-70-6 EINECS 201-134-4 REACH	Linalool EDI 2; SCI 2 H315, H319	34.5000
CAS 87-44-5 EINECS 201-746-1 REACH	Caryophyllene AH 1 H304	6.7940
CAS 13877-91-3 EINECS 237-641-2 REACH	Ocimene (3,7-Dimethyl-1,3,6-octatriene) FL 3; AH 1 H226, H304	4.5000
CAS 562-74-3 EINECS 209-235-5 REACH	Terpinene-4-ol (4-Terpineol) (4-Carvomenthenol) ATO 4(1300); SCI 2; EDI 2 H302, H315, H319	2.3110
CAS 507-70-0 EINECS 208-080-0 REACH	Borneol FS 2 H228	1.0000
CAS 105-87-3 EINECS 203-341-5 REACH	Geranyl acetate EH C2 H411	1.0000
CAS 470-82-6 EINECS 207-431-5 REACH	1,8-Cineole (Eucalyptol) FL 3 H226	1.0000
CAS 98-55-5 EINECS 202-680-6 REACH	alpha-Terpineol SCI 2; EDI 2 H315, H319	1.0000
CAS 141-12-8 EINECS 205-459-2 REACH	Neryl acetate	0.5930
CAS 76-22-2 EINECS 200-945-0 REACH	Camphor (1,7,7-Trimethylbicyclo[2.2.1]heptan-2-one) FS 2; ATI 4; STO-SE 2 H228, H332, H371	0.4000

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CAS 106-24-1 EINECS 203-377-1 REACH	Geraniol SCI 2; EDI 1; SS 1 H315, H317, H318	0.3640
CAS 123-35-3 EINECS 204-622-5 REACH	Myrcene FL 3; AH 1; SCI 2; EDI 2 H226, H304, H315, H319	0.3500
CAS 7705-14-8 EINECS 231-732-0 REACH	d,l-Limonene (isomer unspecified) FL 3; AH 1; SCI 2; SS 1B; EH A1, C1 H226, H304, H315, H317, H400, H410	0.3000
CAS 1139-30-6 EINECS 214-519-7 REACH	Caryophyllene oxide EH C2 H411	0.2610
CAS 80-56-8 EINECS 201-291-9 REACH	alpha-Pinene FL 3; SCI 2; SS 1B; AH 1 H226, H304, H315, H317	0.2080
CAS 1365-19-1 EINECS 215-723-9 REACH	Linalool oxide ATO 4(1750); SCI 2; EDI 2 H302, H315, H319	0.1740
CAS 91-64-5 EINECS 202-086-7 REACH	Coumarin ATO 4(500); SS 1B; STO-RE 2(liver, lung) H302, H317, H373	0.1500
CAS 106-25-2 EINECS 203-378-7 REACH	Nerol EDI 2; SCI 2 H315, H319	0.1310
CAS 76-49-3 EINECS 200-964-4 REACH	Bornyl acetate	0.1250
CAS 586-62-9 EINECS 209-578-0 REACH	Terpinolene FL 3; AH 1; EH C2 H226, H304, H411	0.1110
CAS 79-92-5 EINECS 201-234-8 REACH	Camphene FS 2; EDI 2; EH A1, C1 H228, H319, H400, H410	0.1100

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

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.

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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

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.

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

6.3 Methods and material for containment and cleaning up

Soak up spillage with sand or other inert absorbant material such as earth or vemiculite; 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

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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

8. Exposure controls / personal protection

8.1 Control Parameters

No information available

8.2 Exposure controls

Engineering controls

No information available

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

Thermal hazards

No information available

Environmental exposure controls

No information available

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9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

FLASH POINT (°C)	74
Liquid	Mobile liquid
Colour	Clear liquid
Aroma	Lavender

9.2 Other information

No further information available

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

11. Toxicological information

11.1 Information on toxicological effects

Acute toxicity

No data available

Skin corrosion / irritation

No data available

Serious eye damage / irritation

No data available

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Respiratory or skin sensitisation

No data available

Germ cell mutagenicity

No data available

Carcinogenicity

No data available

Reproductive toxicity

No data available

STO-single exposure

No data available

STO-repeated exposure

No data available

Aspiration hazard

No data available

Information on likely routes of exposure

No data available

Symptoms related to the physical, chemical and toxicological characteristics

No data available

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

No data available

Interactive effects

No data available

Other information

No data available

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 available

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12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

No data available

12.6 Other adverse effects

No data available

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.

14. Transport information

14.1 UN number Not Regulated

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

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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Code Number NAT-11852

Version 5 Revised 12/06/2018 09:19:56

16. Other information

Full list of precautionary phrases

P280	Wear protective gloves and eye protection
P302+P352	IF ON SKIN: Wash with plenty of water.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P333+P313	If skin irritation or rash occurs: Get medical advice.
P337+P313	If eye irritation persists: Get medical attention.
P501	Dispose of contents and container in accordance with local regulation.

Wording of any hazard classes listed in section 3

FL 3	Flammable liquid, category 3
FS 2	Flammable solid, category 2
ATO 4	Acute toxicity, oral, category 4
AH 1	Aspiration hazard, category 1
SCI 2	Skin corrosion/irritation, category 2
SS 1	Skin sensitisation, category 1
SS 1B	Skin sensitisation, category 1B
EDI 1	Eye damage/irritation, category 1
EDI 2	Eye damage/irritation, category 2
ATI 4	Acute toxicity, inhalation, category 4
STO-SE 2	Specific target organ, single exposure, category 2
STO-RE 2	Specific target organ, repeated exposure, category 2
EH A1	Aquatic hazard, acute, category 1
EH C1	Aquatic hazard, chronic, category 1
EH C2	Aquatic hazard, chronic, category 2

Wording of any hazard statements listed in section 3

H226	Flammable liquid and vapour
H228	Flammable solid
H302	Harmful if swallowed
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation
H317	May cause an allergic skin reaction

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H318	Causes serious eye damage
H319	Causes serious eye irritation
H332	Harmful if inhaled
H371	May cause damage to % %
H373	May cause damage to % through prolonged or repeated exposure %
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects
H411	Toxic to aquatic life with long lasting effects

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SAFETY DATA SHEET

Printed on 16 May 2017

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

Code Number : NAT-11667

Version 2 Revised 01/05/2014 14:38:43

1. IDENTIFICATION OF SUBSTANCE / MIXTURE AND COMPANY

Product Identifier

Compound Name : LEMON OIL{B117}

Code Number : NAT-11667

Relevant identified uses of the substance/mixture and uses advised against
Concentrated material for manufacturing purposes only.

Details of the supplier of the safety data sheet

Absolute Aromas
Absolute Aromas Ltd
1 Absolute House
Mill Lane
Alton
Hampshire
GU34 2PX

Telephone Number : +44 (0) 1420 540400

Email Address : Relax@absolute-aromas.com

Emergency Tel No : +44 (0) 1420 540400

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

CLP Classification according to EC1272/2008

FL 3 : Flammable liquid, category 3
AH 1 : Aspiration hazard, category 1
SCI 2 : Skin corrosion/irritation, category 2
SS 1 : Skin sensitisation, category 1
EH A1 : Aquatic hazard, acute, category 1
EH C1 : Aquatic hazard, chronic, category 1

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

Code Number : NAT-11667

Version 2 Revised 01/05/2014 14:38:43

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

Hazard Symbols



Xn: Harmful



Xi: Irritant



N: Dangerous for the Environment

Risk Codes : R10,R43,R50/53

HydroCarbons : 90%

Additional Information

Full text of R and S phrases: see Section 16

CLP Labelling

Symbols



Signal Word Danger

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 |
| H410 | Very toxic to aquatic life with long lasting effects |

Precautionary Statements

- | | |
|------|------------------------------------------------------------------------------------------------|
| P210 | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |
| P241 | Use explosion-proof equipment. |
| P264 | Wash hands thoroughly after handling |
| P272 | Contaminated work clothing should not be allowed out of the workplace. |

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Code Number : NAT-11667

Version 2 Revised 01/05/2014 14:38:43

P273	Avoid release to the environment.
P280	Wear protective gloves and eye protection
P301+P310	IF SWALLOWED: Immediately call %.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with waterRemove
P331	Do NOT induce vomiting.
P332+P313	If skin irritation occurs: Get medical advice.
P403+P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of Local Environmental Regulations in accordance with regulation.

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

Description	Lemon
REACH Reg No	
USCAS Number	8008-56-8
CAS Number	84929-31-7
EINECS	284-515-8

Hazardous substances in complex natural material

Chemical Name	CAS No. EC No.	Classification 67/548/EEC	Classification EC 1272/2008	Conc (%)
d-Limonene (p-Mentha-1,8-diene)	5989-27-5 227-813-5	Xi,N; R10,R38,R43,R50/53,R65	FL 3;SCI 2;SS 1B;AH 1;EH A1,C1	75.9000
beta-Pinene	127-91-3 204-872-5	Xn; R10,R38,R43,R65	FL 3;SCI 2;SS 1B;AH 1	9.0300
gamma-Terpinene (p-Mentha-1,4-diene)	99-85-4 202-794-6	Xn; R10,R65	FL 3;AH 1	7.7000
Citral	5392-40-5 226-394-6	Xi; R38,R43	SCI 2;SS 1;EDI 2	2.0000
Myrcene	123-35-3 204-622-5	Xn; R10,R38,R52/53,R65	FL 3;AH 1;SCI 2;EDI 2	1.7000
alpha-Pinene	80-56-8 201-291-9	Xn; R10,R38,R43,R65	FL 3;SCI 2;SS 1B;AH 1	1.6800

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Geranyl acetate	105-87-3 203-341-5	N; R51/53	EH C2	1.4900
Linalool	78-70-6 201-134-4	XI; R38	EDI 2; SCI 2	1.0000
Neral	106-26-3 203-379-2	XI; R38,R43	SCI 2; SS 1B; EDI 2	0.7000

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.

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.

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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

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

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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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Flash Point (°C) : 48

Liquid : Mobile liquid

Colour : Pale yellow

Aroma : Citrus

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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

No data available

12. ECOLOGICAL INFORMATION

No data 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 : 1169
Shipping Name : EXTRACTS, AROMATIC, LIQUID
Class : 3
Packing Group : III
Tunnel Code : (D/E)
Environmental Hazards :
No relevant information available
Special precautions for user :
No relevant information available
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code :
Not applicable

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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

A chemical safety assessment has not been carried out

Contains Citral, Limonene and Linalool which may produce an allergic reaction

16. OTHER INFORMATION

Text of the risk and safety phrases listed in section 2

R10	Flammable
R43	May cause sensitisation by skin contact
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
S16	Keep away from sources of ignition - No smoking
S2	Keep out of the reach of children
S24	Avoid contact with skin
S37	Wear suitable gloves
S61	Avoid release to the environment. Refer to special instructions/safety data sheet
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P241	Use explosion-proof equipment.
P264	Wash hands thoroughly after handling
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 and eye protection
P301+P310	IF SWALLOWED: Immediately call %.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with waterRemove
P331	Do NOT induce vomiting.
P332+P313	If skin irritation occurs: Get medical advice.
P403+P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of Local Environmental Regulations in accordance with regulation.

Text of the risk phrases listed in section 3

R10	Flammable
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
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R65	Harmful: may cause lung damage if swallowed

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IFRA Conformity Certificate

Compound Name : LEMON OIL{B117}

Code Number : NAT-11667

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 (**)	1.48 (**)
2	1.85
3A	7.41
3B	7.41
3C	7.41
3D	7.41
4A	22.22
4B	22.22
4C	22.22
4D	22.22
5	11.11
6 (**)	37.04 (**)
7A	3.70
7B	3.70
8A	51.85
8B	51.85
9A	100.00
9B	100.00
9C	100.00
10A	92.59
10B	92.59
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 Absolute Aromas

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. liquid tabs)***, Plastic articles (excluding toys), Fuels, Frangenced 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.

** Liquid tabs 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.



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Allergen Analysis

Compound Name : LEMON OIL{B117}

Code Number : NAT-11667

ingredient	CAS No.	Concentration present as a percentage (%) or 'A' for absent in		
		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	106-26-3 141-27-5 5392-40-5	A	2.70	2.70
Citronellol	106-22-9 1117-61-9 141-25-3 6812-78-8 68916-43-8 7540-51-4	A	A	A
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
Hydoxycitronellal	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 5989-27-5 5989-54-8	A	75.90	75.90
Linalool	126-90-9 126-91-0 78-70-6	A	1.00	1.00
Methyl 2-Octynoate	111-12-6	A	A	A

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SAFETY DATA SHEET

In accordance with 29 CFR 1910.1200

Product: Peppermint Oil, USA T188

Version: 1

1. IDENTIFICATION

Product Identifier

Product identifier: Peppermint Oil, USA; CAS: 8006-90-4

Other identifiers: Mentha piperita

Recommended use of the chemical and restrictions on use

Product uses: Fragrances, natural cosmetics and spa treatments

Supplier Details

Company name: Absolute Aromas Ltd

Company address: 1 Absolute House
Mill Lane
Alton
Hampshire
GU34 2PX

Contact: Regulatory Affairs

E-Mail address: craig@absolute-aromas.com

Company phone: +44 (0) 1420 540 400

Emergency telephone number

Emergency phone: +44 (0) 1420 540 400

2. HAZARD IDENTIFICATION

Classification

This product is classified under 29CFR 1910.1200(d) as follows:

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Class and category of danger: Flammable Liquid, Hazard Category 4
Skin Corrosion / Irritation Category 2

Eye Damage / Irritation Category 2A

Sensitization - Skin Category 1

Combustible liquid.

Causes skin irritation.

May cause an allergic skin reaction.

Causes serious eye irritation.

Signal word: Warning

Hazard statements: Combustible liquid.

Causes skin irritation.

May cause an allergic skin reaction.

Causes serious eye irritation.

SAFETY DATA SHEET

In accordance with 29 CFR 1910.1200

Product: Peppermint Oil, USA T188

Version: 1

M factor: None

**Precautionary
statements:**

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

Avoid breathing vapour or dust.

Wash hands and other contacted skin thoroughly after handling.

Pictograms:

Contaminated work clothing should not be allowed out of the workplace.

Wear protective gloves/eye protection/face protection.

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

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

If skin irritation or rash occurs: Get medical advice/attention.

If eye irritation persists: Get medical advice/attention.

Take off contaminated clothing and wash before reuse.

In case of fire: Use carbon dioxide, dry chemical, foam for extinction.

Store in a well-ventilated place. Keep cool.

Dispose of contents/container to approved disposal site, in accordance with local regulations.

**Precautionary
statements:**

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

Avoid breathing vapour or dust.

Wash hands and other contacted skin thoroughly after handling.

Contaminated work clothing should not be allowed out of the workplace.

Wear protective gloves/eye protection/face protection.

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

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

If skin irritation or rash occurs: Get medical advice/attention.

If eye irritation persists: Get medical advice/attention.

Take off contaminated clothing and wash before reuse.

In case of fire: Use carbon dioxide, dry chemical, foam for extinction.

Store in a well-ventilated place. Keep cool.

Dispose of contents/container to approved disposal site, in accordance with local regulations.

**Hazards not otherwise
classified (HNOC)** None

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substances

Product identifier: Peppermint Oil, USA; CAS: 8006-90-4

SAFETY DATA SHEET

In accordance with 29 CFR 1910.1200

Product: Peppermint Oil, USA T188

Version: 1

Contains:

Name	CAS	%
l-Menthol	2216-51-5	20-<50%
l-Menthone	14073-97-3	20-<50%
Eucalyptol	470-82-6	5-<10%
(+)-Neomenthol	2216-52-6	1-<5%
d,l-Isomenthone	491-07-6	1-<5%
Menthofuran	494-90-6	1-<5%
beta-Caryophyllene	87-44-5	1-<5%
d,l-Limonene (sum of isomers)	7705-14-8	1-<5%
Pulegone	89-82-7	1-<5%
beta-Pinene	127-91-3	1-<5%
4-Carvomenthenol	562-74-3	1-<5%
alpha-Pinene	80-56-8	0.1-<1%
p-Mentha-1,4-diene	99-85-4	0.1-<1%
p-Mentha-1,3-diene	99-86-5	0.1-<1%
cis-beta-Ocimene	3338-55-4	0.1-<1%
Myrcene	123-35-3	0.1-<1%
p-Cymene	99-87-6	0.1-<1%
Terpinolene	586-62-9	0.1-<1%
Linalool	78-70-6	0.1-<1%

The exact percentage concentrations of components are being withheld as a trade secret.

4. FIRST-AID MEASURES

Description of first aid measures

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

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

Most important symptoms and effects, both acute and delayed

Causes skin irritation.

May cause an allergic skin reaction.

Causes serious eye irritation.

Indication of immediate medical attention and special treatment needed, if necessary

Treat symptomatically

SAFETY DATA SHEET

In accordance with 29 CFR 1910.1200

Product: Peppermint Oil, USA T188

Version: 1

5. FIRE-FIGHTING MEASURES

Extinguishing media

Suitable media: Carbon dioxide, Dry chemical, Foam.

Specific hazards arising from the chemical

In case of fire, may be liberated: Carbon monoxide, Unidentified organic compounds.

Protective Equipment and Precautions for Firefighters

In case of insufficient ventilation, wear suitable respiratory equipment.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Avoid inhalation. Avoid contact with skin and eyes. See protective measures under Section 7 and 8.

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.

7. HANDLING AND STORAGE

Precautions for safe handling:

Keep away from heat, sparks, open flames and hot surfaces. - No smoking. Use personal protective equipment as required. Use in accordance with good manufacturing and industrial hygiene practices. Use in areas with adequate ventilation. Do not eat, drink or smoke when using this product.

Conditions for safe storage, including any incompatibilities:

Store in a well-ventilated place. Keep container tightly closed. Keep cool. Ground/bond container and receiving equipment. Use explosion-proof electrical, ventilating and lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure guidelines

This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Other exposure guidelines

No information available

Exposure controls

Engineering measures

SAFETY DATA SHEET

In accordance with 29 CFR 1910.1200

Product: Peppermint Oil, USA T188

Version: 1

Showers, eyewash stations, ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/Face and Skin Protection

Wear protective gloves/eye protection/face protection, and suitable protective clothing

Respiratory protection

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations. A NIOSH-approved air-purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air-purifying respirators is limited. Use a positive pressure, air-supplied respirator if there is any potential for uncontrolled release, exposure levels are not known or any other circumstances where air-purifying respirators may not provide adequate protection.

Hygiene measures

Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and chemical properties

Appearance:	Not determined
Odour:	Not determined
Odour threshold:	Not determined
pH:	Not determined
Melting point / freezing point:	Not determined
Initial boiling point / range:	Not determined
Flash point:	149 °F / 65 °C
Evaporation rate:	Not determined
Flammability (solid, gas):	Not determined
Upper/lower flammability or explosive limits:	Product does not present an explosion hazard
Vapour pressure:	Not determined
Vapour density:	Not determined
Relative density:	Not determined
Solubility(ies):	Not determined
Partition coefficient: n-octanol/water:	Not determined
Auto-ignition temperature:	Not determined
Decomposition temperature:	Not determined
Viscosity:	Not determined
<u>Other information:</u>	None available

SAFETY DATA SHEET

In accordance with 29 CFR 1910.1200

Product: Peppermint Oil, USA T188

Version: 1

10. STABILITY AND REACTIVITY

Reactivity:

Presents no significant reactivity hazard, by itself or in contact with water.

Chemical stability:

Good stability under normal storage conditions.

Possibility of hazardous reactions:

Not expected under normal conditions of use.

Conditions to avoid:

Avoid extreme heat.

Incompatible materials:

Avoid contact with strong acids, alkalis or oxidising agents.

Hazardous decomposition products:

Not expected.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute Toxicity:

Acute Toxicity Oral	Based on available data the classification criteria are not met. 2540
Acute Toxicity Dermal	>5000
Acute Toxicity Inhalation	Not Available

Skin corrosion/irritation:

Skin Corrosion / Irritation Category 2

Serious eye damage/irritation:

Eye Damage / Irritation Category 2A

Respiratory or skin sensitisation:

Sensitization - Skin Category 1

Germ cell mutagenicity:

Based on available data the classification criteria are not met.

Carcinogenicity:

Based on available data the classification criteria are not met.

Reproductive toxicity:

Based on available data the classification criteria are not met.

STOT-single exposure:

Based on available data the classification criteria are not met.

STOT-repeated exposure:

Based on available data the classification criteria are not met.

Aspiration hazard:

Based on available data the classification criteria are not met.

Additional Information

None available

12. ECOLOGICAL INFORMATION

Ecotoxicity:

Toxic to aquatic life with long lasting effects.

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In accordance with 29 CFR 1910.1200

Product: Peppermint Oil, USA T188

Version: 1

Persistence and degradability: Not available

Bioaccumulative potential: Not available

Mobility in soil: Not available

Other adverse effects: Not available

13. DISPOSAL CONSIDERATIONS

Waste treatment

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.

14. TRANSPORT INFORMATION

UN number: UN3082

UN Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (d,l-Limonene (sum of isomers), beta-Pinene)

Transport hazard class(es): 9

Sub Risk: -

Packing Group: III

Environmental hazards: This is an environmentally hazardous substance.

Special precautions for user: None additional

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:

Not applicable

15. REGULATORY INFORMATION

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

RIFM ID Number: 275-E2.12

LM Unique Identifier: LM9048

Additional information

None additional

16. OTHER INFORMATION

Concentration % Limits: SCI 2=11.94% EDI 2=19.42% EDI 2B=21.05% SS 1=4.00%

Total Fractional Values: SCI 2=8.38 EDI 2=5.15 EDI 2B=4.75 SS 1=25.00

Key to revisions:

Not applicable

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1. IDENTIFICATION OF SUBSTANCE / MIXTURE AND COMPANY

Product Identifier

Compound Name : ROSEMARY OIL{B123}

Code Number : NAT-11765

Relevant identified uses of the substance/mixture and uses advised against
Concentrated material for manufacturing purposes only.

Details of the supplier of the safety data sheet

Absolute Aromas
Absolute Aromas Ltd
1 Absolute House
Mill Lane
Alton
Hampshire
GU34 2PX

Telephone Number : +44 (0) 1420 540400

Email Address : Relax@absolute-aromas.com

Emergency Tel No : +44 (0) 1420 540400

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

CLP Classification according to EC1272/2008

FL 3 : Flammable liquid, category 3
AH 1 : Aspiration hazard, category 1
SS 1 : Skin sensitisation, category 1
ATI 4 : Acute toxicity, inhalation, category 4
STO-SE 2 : Specific target organ, single exposure, category 2
EH A1 : Aquatic hazard, acute, category 1
EH C1 : Aquatic hazard, chronic, category 1

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

Hazard Symbols



Xn: Harmful



Xi: Irritant



N: Dangerous for the Environment

Risk Codes : R10,R43,R50/53,R65,R68/22

HydroCarbons : 40%

Additional Information

Full text of R and S phrases: see Section 16

CLP Labelling

Symbols



Signal Word Danger

Hazard Statements

- | | |
|------|------------------------------------------------------|
| H226 | Flammable liquid and vapour |
| H304 | May be fatal if swallowed and enters airways |
| H317 | May cause an allergic skin reaction |
| H371 | May cause damage to organs |
| H410 | Very toxic to aquatic life with long lasting effects |

Precautionary Statements

- | | |
|------|------------------------------------------------------------------------------------------------|
| P210 | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |
| P241 | Use explosion-proof equipment. |
| P242 | Use non-sparking tools. |
| P243 | Take action to prevent static discharges. |
| P260 | Do not breathe fumes. |

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P264	Wash hands thoroughly after handling
P270	Do not eat, drink or smoke when using this product.
P271	Use only outdoors or in a well-ventilated area
P273	Avoid release to the environment.
P280	Wear protective gloves and eye protection
P301+P312	IF SWALLOWED: Immediately call % if you feel unwell.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with waterRemove
P304+P312	IF INHALED: Call call % if you feel unwell.
P321	Specific treatment (see % on this label).
P331	Do NOT induce vomiting.
P363	Wash contaminated clothing before reuse.
P391	Collect spillage.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P501	Dispose of Local Environment Regulations in accordance with regulation.

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

Description	Rosemary oil N. Afr.
REACH Reg No	
USCAS Number	8000-25-7
CAS Number	84604-14-8
EINECS	283-291-9

Hazardous substances in complex natural material

Chemical Name	CAS No. EC No.	Classification 67/548/EEC	Classification EC 1272/2008	Conc (%)
1,8-Cineole (Eucalyptol)	470-82-6 207-431-5	; R10	FL 3	36.1310
alpha-Pinene	80-56-8 201-291-9	Xn; R10,R38,R43,R65	FL 3;SCI 2;SS 1B;AH 1	19.2680

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Camphor (1,7,7-Trimethylbicyclo[2.2.1]heptan-2-one)	76-22-2 200-945-0	F,Xn; R11,R20,R68/22	FS 2;ATI 4;STO-SE 2	15.3370
Camphene	79-92-5 201-234-8	F,Xi,N; R11,R36,R50/53	FS 2;EDI 2;EH A1,C1	7.6950
beta-Pinene	127-91-3 204-872-5	Xn; R10,R38,R43,R65	FL 3;SCI 2;SS 1B;AH 1	7.2860
Caryophyllene	87-44-5 201-746-1	Xn; R65	AH 1	4.0000
Borneol	507-70-0 208-080-0	F; R11	FS 2	3.4410
d-Limonene (p-Mentha-1,8-diene)	5989-27-5 227-813-5	Xi,N; R10,R38,R43,R50/53,R65	FL 3;SCI 2;SS 1B;AH 1;EH A1,C1	3.2210
Methyl eugenol (Eugenyl methyl ether)	93-15-2 202-223-0	Xn; R22,R40,R51/53,R68	ATO 4(810);CAR 2;MUT 2	2.5000
Bornyl acetate	76-49-3 200-964-4			2.3700
alpha-Terpineol	98-55-5 202-680-6	Xi; R36/38	SCI 2;EDI 2	2.0000
Myrcene	123-35-3 204-622-5	Xn; R10,R38,R52/53,R65	FL 3;AH 1;SCI 2;EDI 2	1.5890
para-Cymene	99-87-6 202-796-7	Xn,N; R10,R51/53,R65	FL 3;AH 1;EH C2	1.0340
Linalool	78-70-6 201-134-4	Xi; R38	EDI 2;SCI 2	0.7950
Terpinene-4-ol (4-Terpineol) (4-Carvomenthenol)	562-74-3 209-235-5	Xn; R22,R38	ATO 4(1300);SCI 2;EDI 2	0.6080

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)	: 43
Liquid	: Liquid
Colour	: White
Aroma	: Herbaceous

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

No data available

12. ECOLOGICAL INFORMATION

No data 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.

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14. TRANSPORT INFORMATION

UN Number : 1169

Shipping Name : EXTRACTS, AROMATIC, LIQUID

Class : 3

Packing Group : III

Tunnel Code : (D/E)

Environmental Hazards :

No relevant information available

Special precautions for user :

No relevant information available

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code :

Not applicable

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

A chemical safety assessment has not been carried out

Contains Limonene and Linalool which may produce an allergic reaction

16. OTHER INFORMATION

Text of the risk and safety phrases listed in section 2

R10 Flammable

R43 May cause sensitisation by skin contact

R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

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R65	Harmful: may cause lung damage if swallowed
R68/22	Harmful possible risk of irreversible effects if swallowed
S24	Avoid contact with skin
S37	Wear suitable gloves
S61	Avoid release to the environment. Refer to special instructions/safety data sheet
S62	If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P241	Use explosion-proof equipment.
P242	Use non-sparking tools.
P243	Take action to prevent static discharges.
P260	Do not breathe fumes.
P264	Wash hands thoroughly after handling
P270	Do not eat, drink or smoke when using this product.
P271	Use only outdoors or in a well-ventilated area
P273	Avoid release to the environment.
P280	Wear protective gloves and eye protection
P301+P312	IF SWALLOWED: Immediately call % if you feel unwell.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with waterRemove
P304+P312	IF INHALED: Call call % if you feel unwell.
P321	Specific treatment (see % on this label).
P331	Do NOT induce vomiting.
P363	Wash contaminated clothing before reuse.
P391	Collect spillage.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P501	Dispose of Local Environment Regulations in accordance with regulation.

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Text of the risk phrases listed in section 3

R10	Flammable
R11	Highly flammable
R20	Harmful by inhalation
R22	Harmful if swallowed
R36	Irritating to eyes
R36/38	Irritating to eyes and skin
R38	Irritating to skin
R40	Limited evidence of a carcinogenic effect
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
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R65	Harmful: may cause lung damage if swallowed
R68	Possible risk of irreversible effects
R68/22	Harmful possible risk of irreversible effects if swallowed

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IFRA Conformity Certificate

Compound Name : ROSEMARY OIL{B123}

Code Number : NAT-11765

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 (***)	N/A (***)
2	N/A
3A	N/A
3B	N/A
3C	N/A
3D	N/A
4A	N/A
4B	N/A
4C	N/A
4D	N/A
5	N/A
6 (***)	N/A (***)
7A	N/A
7B	N/A
8A	N/A
8B	N/A
9A	N/A
9B	N/A
9C	N/A
10A	N/A
10B	N/A
11	N/A

(*) 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 Absolute Aromas

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. liquid tabs)***, Plastic articles (excluding toys), Fuels, Frangenced 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.

** Liquid tabs 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.



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Allergen Analysis

Compound Name : ROSEMARY OIL{B123}

Code Number : NAT-11765

ingredient	CAS No.	Concentration present as a percentage (%) or 'A' for absent in		
		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
Hydoxycitronellal	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	3.22	3.22
	5989-27-5			
	5989-54-8			
Linalool	126-90-9	A	0.80	0.80
	126-91-0			
	78-70-6			
Methyl 2-Octynoate	111-12-6	A	A	A

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