



CERTIFICATE OF ANALYSIS
LAVANDIN OIL ABRIALIS

Batch Number: 4319907
Best Before End: April 2021

Appearance: Liquid, Pale straw coloured
Odour: Characteristic

TEST	SPECIFICATION	ANALYSIS
Specific Gravity @ 20°C	0.890 – 0.900	0.890
Refractive Index @ 20°C	1.455 – 1.465	1.461
Optical Rotation @ 20°C	-8.0° to -2.0°	-3.15°



ALLERGENS DECLARATION

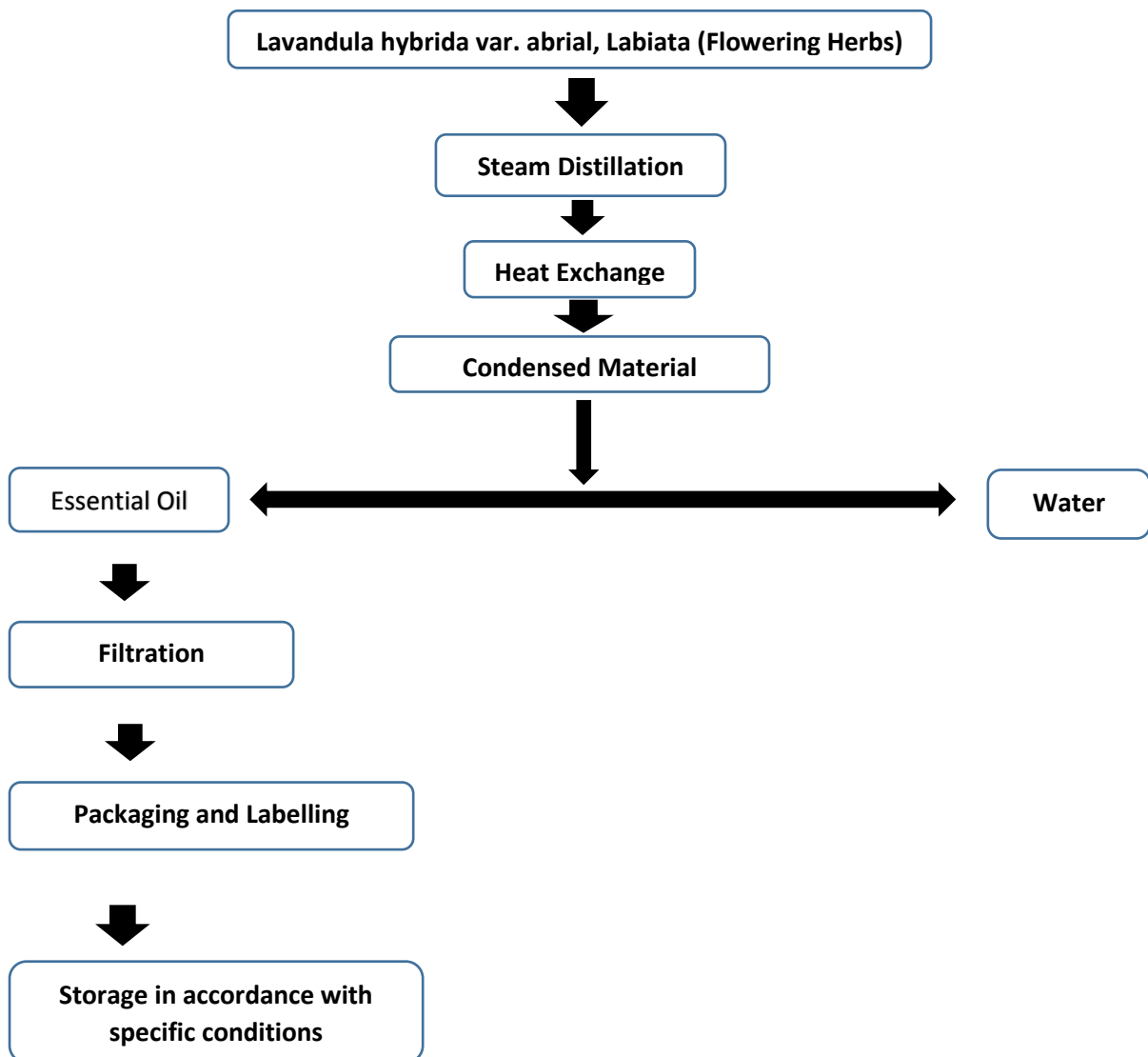
Product Name	Lavandin Abrialis Oil				
INCI Name	Lavandula Hybrida Abrial Herb Oil				
Date	21/11/2016	Product Code	OELAVAABRI	Revision	1

Material	CAS Number	Cosmetic Allergens Inclusion (%)
AMYL CINNAMAL	122-40-7	-
BENZYL ALCOHOL	100-51-6	-
CINNAMYL ALCOHOL	104-54-1	-
CITRAL	5392-40-5	-
EUGENOL	97-53-0	-
HYDROXYCITRONELLAL	107-75-5	-
ISO EUGENOL	97-54-1	-
AMYL CINNAMYL ALCOHOL	101-85-9	-
BENZYL SALICYLATE	118-58-1	-
CINNAMAL	104-55-2	-
COUMARIN	91-64-5	<0.5
GERANIOL	106-24-1	<0.5
HYDROXYISOHEXYL 3-CYCLOHEXENE CARBOXALDEHYDE	31906-04-4	-
ANISE ALCOHOL	105-13-5	-
BENZYL CINNAMATE	103-41-3	-
FARNESOL	4602-84-0	-
BUTYLPHENYLMETHYLPROPIONAL	80-54-6	-
LINALOOL	78-70-6	28.0-38.0
BENZYL BENZOATE	120-51-4	-
CITRONELLOL	106-22-9	-
HEXYL CINNAMAL	101-86-0	-
LIMONENE	5989-27-5	0.5-1.5
METHYL 2-OCTYNOATE	111-12-6	-
ALPHA-ISOMETHYLIONONE	127-51-5	-
EVERNIA PRUNASTRI EXTRACT	90028-68-5	-
EVERNIA FURFURACEA EXTRACT	90028-67-4	-

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Manufacturing Flow Chart

Product Name	Lavandin Abrialis
Date	26.03.2018



IFRA Conformity Certificate

Product Name	Lavandin Abrialis Oil		
INCI Name	Lavandula Hybrida Abrial Herb Oil		
Product Code	OELAVAABRI		
Revision No	1	Date	21.11.2016

We certify that the above compound is in compliance with the Standards of the INTERNATIONAL FRAGRANCE ASSOCIATION (IFRA 48th Amendment / published June 2015), provided it is used in the following class(es) at a maximum concentration level of:

Restricted Component	Cas No:	% Level in Product	IFRA Standard
Limonene	5989-27-5	0.5 – 1.5	Specification Stds
Linalool	78-70-6	28.0 – 38.0	Specification Stds
Geraniol	106-24-1	< 0.5	Restriction Stds (QRA Cat.)
Coumarin	91-64-5	< 0.5	Restriction Stds (QRA Cat.)
Octenyl Acetate	2442-10-6	< 0.5	Restriction Stds (QRA Cat.)

IFRA class(es) [see annex for details]	Max level of use (%)
Class 1	23.16
Class 2	23.16
Class 3.A	69.49
Class 3.B	69.49
Class 3.C	69.49
Class 3.D	69.49
Class 4.A	69.49
Class 4.B	69.49
Class 4.C	69.49
Class 4.D	69.49
Class 5	69.49
Class 6	Not Restricted
Class 7.A	69.49
Class 7.B	69.49
Class 8.A	69.49
Class 8.B	69.49
Class 9.A	69.49
Class 9.B	69.49
Class 9.C	69.49
Class 10.A	69.49
Class 10.B	69.49
Class 11	Not Restricted

IFRA Conformity Certificate

For other kinds of application or use at higher concentration levels, a new evaluation may be needed.

The IFRA Standards regarding use restrictions are based on safety assessments by the Panel of Experts of the RESEARCH INSTITUTE FOR FRAGRANCE MATERIALS (RIFM) and are enforced by the IFRA Scientific Committee.

Evaluation of individual Fragrance ingredients is made according to the safety standards contained in the relevant section of the IFRA Code of Practice.

This certificate serves only as a guide to the maximum level of use. It is the ultimate responsibility of the customer to ensure safe formulating principles are utilised and the safety of the final product (containing this fragrance), by further testing if need be.

Note 1: It is recommended 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 in the countries of planned distribution.

Note 2: Trials must be performed to satisfy suitability for specified application.

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IFRA Conformity Certificate

ANNEX: Definition of IFRA Classes

Finished product types	IFRA class
Lip Products of all types (solid and liquid lipsticks, balms, clear or coloured, etc.) Children's Toys.	Class 1
Deodorant and Antiperspirant Products of all types, including any product with intended or reasonably foreseeable use on the underarm or labelled as such (spray, stick, roll-on, under-arm, deo-cologne and body spray, etc.) Fragranced bracelets. Nose Pore Strips.	Class 2
Hydroalcoholic Products Applied To Recently Shaved Skin. (includes aftershave) (Edt range)	Class 3.A
Hydroalcoholic Products Applied To Recently Shaved Skin. (includes aftershave) (Fine fragrance range)	Class 3.B
Eye Products of all types (eye shadow, mascara, eyeliner, eye make-up, etc.) Men's Facial Creams, Balms. Baby Creams, Lotions, Oils. Body Paint for Children.	Class 3.C
Tampons	Class 3.D
Hydroalcoholic Products Applied To Unshaved Skin (includes aqueous based, alcoholic based and hydroalcoholic) like cologne, eau de cologne, eau de parfum or parfum. (EdT Range) Ingredients of perfume kits, scent strips for hydroalcoholic products. Scent pads, foil packs.	Class 4.A
Hydroalcoholic Products Applied To Unshaved Skin (includes aqueous based, alcoholic based and hydroalcoholic) like cologne, eau de cologne, eau de parfum or parfum (Fine fragrance Range)	Class 4.B
Hair Styling Aids, Hair Sprays of all types (pumps, aerosol sprays, etc.) Hair deodourant. Body Creams, Oils, Lotions, Fragrancing Creams of all types (except baby creams, lotions and oils) Fragrance Compounds for Cosmetic Kits, Foot care products, hair deodourant. Body paint except those for children. Body sprays (including body mist) with no intended or reasonably foreseeable use on the underarm.	Class 4.C
Fragrancing creams, Solid perfumes.	Class 4.D
Women's Facial Creams/Facial Make-up. Hand cream. Hand sanitizers. Facial masks.* Baby Powder & 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.	Class 5
Mouthwash, including Breath sprays. Toothpaste.	Class 6

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Intimate Wipes, Baby Wipes.	Class 7.A
Insect Repellent (intended to be applied to the skin).	Class 7.B
Make-up Removers of all types (not including face cleansers) Hair Styling Aids Non-Spray of all types (mousse, gels, leave-in conditioners, etc.). Nail care. Powders and talcs (not including baby powders and talcs)	Class 8.A
Hair Dyes	Class 8.B
Liquid soap, Bar Soap (Toilet Soap) All Depilatories (including waxes for mechanical hair removal). Conditioner (Rinse-Off). Shampoos of all types (including baby shampoos) Face Cleansers of all types (washes, gels, scrubs, etc.) Shaving Creams of all types (stick, gels, foams, etc.) Body Washes of all types (including baby washes) and Shower Gels of all types. Bath Gels, Foams, Mousses, Salts, Oils and Other Products Added To Bathwater.	Class 9.A
Feminine Hygiene – Pads Feminine Hygiene – Liners Toilet Paper Wheat Bags.	Class 9.B
Facial tissues. Napkins. Paper towels. Other Aerosols (including air fresheners, sprays but not including deodorant/ antiperspirant, hair styling aids.) Fragranced Face masks (not intended to be used as medical device)	Class 9.C
Handwash Laundry Detergents of all types including concentrates Machine wash Laundry Detergents of all types including concentrates (liquid, powder, tablet etc.) including laundry bleaches and concentrates. Fabric softeners of all types including fabric softener sheets. Other Household Cleaning Products (fabric cleaners, soft surface cleaners, carpet cleaners) Dry cleaning kits. Hard Surface Cleaners of all types (bathroom and kitchen cleansers, furniture polish etc) Shampoos for pets. Hand dishwashing detergent including concentrates. Scented gloves, socks, tights with moisturisers.	Class 10.A
Nappies Toilet seat wipes.	Class 10.B
All non-skin contact or incidental skin contact including: Candles. Air fresheners and fragrancing of all types (concentrated aerosol with metered doses (range 0.05-0.5 mL spray), plug ins, solid substrate, membrane delivery, electrical.) Air delivery systems. Cell phone cases.	Class 11

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Pot pourri, powders, fragancing sachets, liquid refills for air fresheners (non cartridge systems), reed diffusers.
Liquid refills for air fresheners (cartridge systems).
Shoe polishes.
Deodorisers/ maskers not intended for skin contact (e.g. fabric drying machine deodorisers, 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 nebulisation).
Air freshening crystals.
Toilet blocks.
Joss sticks or incense sticks.
Machine dishwash detergent and deodorisers.
Machine only laundry detergent (e.g. liquitabs)**
Plastic articles (excluding toys).
Fuels.
Fragranced lamp ring.
Scent pack.
Scratch and sniff (sampling technology).
Paints.
Cat litter.
Animal sprays (all types)
Treatment products for textiles (e.g. starch sprays, fabric treated with fragrances after wash, deodorisers for textiles or fabrics).
Floor wax.
Odoured distilled water (that can be added to steam irons).

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

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


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

MATERIAL SAFETY DATA SHEET

01. IDENTIFICATION OF THE SUBSTANCE/PREPARATION & THE COMPANY/UNDERTAKING

Product Name	Lavandin Oil Abrialis (OELAVAABRI)				
Biological Definition	Lavandula Hybrida Abrial Herb Oil is an essential oil distilled from the flowering herbs of the Lavandin, Lavandula hybrida var. abrial, Labiatae				
INCI Name	Lavandula Hybrida Abrial Herb Oil				
Synonyms & Trade Names	-				
Supplier	MADAR Corporation Limited, 19-20 Sandleheath Industrial Estate, Fordingbridge, Hampshire, SP6 1PA, UK Tel: 01425 653574 Approved sellers: Mystic Moments, New Directions, World of Moulds				
Reach Registration Number <small>(According to EU Reg 1907/2006)</small>	-				
FEMA No.	-	FDA No.	-	CoE No.	-
CAS-No	93455-96-0	EC No.	297-384-7	EINECS No.	297-384-7

02. HAZARDS IDENTIFICATION

Classification (EC 1272/2008)	Physical and Chemical Hazards: Not classified. Human health Asp: Skin Irrit. 2: H315 EUH208: Contains Dipentene May produce an allergic reaction. Environment : Aquatic Chronic 3 - H412
Label in accordance with (EC) No 1272/2008	GHS07 
Signal Word	Warning
Contains	Dipentene
Hazard Statements	H315 Causes skin irritation. H412 Harmful to aquatic life with long lasting effects.
Precautionary Statements	P264: Wash hands thoroughly after handling. P273: Avoid release to the environment. P280: Wear protective gloves/protective clothing/eye protection/face protection. P332+313: If skin irritation occurs: Get medical advice/attention. P362: Take off contaminated clothing. P501: Dispose of contents/container to local waste facility site.
Supplementary Precautionary Statements	None
PBT or vPvB according to Annex XIII	Not identified as PBT or vPvB substance.
Adverse physio-chemical properties	No additional data available
Adverse effects on human health	May cause allergic reaction. Causes skin irritation.

MATERIAL SAFETY DATA SHEET

03. COMPOSITION/INFORMATION ON INGREDIENTS

30.0 - 50.0% Linalool	CAS-No.: 78-70-6, EC No.: 201-134-4
Classification (EC 1272/2008) Skin Irrit. 2: H315; Eye Irrit. 2: H319	
1.0 – 10.0% Camphor	CAS-No.: 76-22-2, EC No.: 200-945-0
Classification (EC 1272/2008) Flam. Sol. 2: H228; Acute Tox. 4:H302; Acute Tox. 4: H332; STOT SE 2:H371	
1.0 – 10.0% Terpin-4-ol	CAS No: 562-74-3, EC No: 209-235-5
Classification (EC 1272/2008) Acute Tox 4 –H302, Skin Irrit. 2 – H315	
< 1.0% Alpha-Terpineol	CAS-No.: 98-55-5, EC No.: 202-680-6
Classification (EC 1272/2008) Flam. Liq. 3 - H226, Asp. Tox. 1 - H304	
< 1.0% Limonene	CAS-No.: 5989-27-5 EC No.: 227-813-5
Classification (EC 1272/2008) Flam. Liq. 3: H226; Skin Irrit. 2: H315; Skin Sens. 1: H317; Aquatic Acute 1: H400; Aquatic Chronic 1: H410	

04. FIRST AID MEASURES

Inhalation	Remove victim immediately from source of exposure. Get medical attention.
Ingestion	DO NOT INDUCE VOMITING! Immediately rinse mouth and provide fresh air. Get medical attention.
Skin Contact	Remove contaminated clothing immediately and wash skin with running water. Get medical attention.
Eye Contact	Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention immediately. Continue to rinse.
Most important symptoms and effects, both acute and delayed	<p>Skin Contact: There may be irritation and redness at the site of contact.</p> <p>Eye Contact: There may be irritation and redness. The eyes may water profusely.</p> <p>Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur. There may be vomiting.</p> <p>Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.</p> <p>Delayed/Immediate effects: Immediate effects can be expected after short-term exposure.</p>

05. FIRE-FIGHTING MEASURES

Extinguishing Media	Extinguishing media: Carbon dioxide (CO2). Powder. Foam.
Special Fire Fighting Procedures	Wear full protective clothing to prevent contact with skin and eyes. Avoid inhalation of generated fumes or vapours. Use appropriate respiratory equipment. Do not allow spillage into drains or waterways.

MATERIAL SAFETY DATA SHEET

Specific Hazards	Closed containers may build up pressure at elevated temperatures and should be cooled with water spray.
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06. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Wear protective clothing as described in Section 8 of this safety data sheet. Handle the product using protective gloves resistant to the chemicals exposed. Avoid contact with skin and inhalation of its vapours or smoke. Maintain adequate ventilation in the working area after spilling. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid.
Environmental Precautions	Do not discharge into drains, water courses or onto the ground.
Spill Clean Up Methods	Cover with an inert, inorganic, non-combustible absorbent material (e.g. dry-lime, sand, soda ash). Place in covered containers using non-sparking tools and transport outdoors. Avoid open flames or sources of ignition. Ventilate area and wash spill site after material pickup is complete. Dispose of in accordance with current laws and regulations.

07. HANDLING AND STORAGE

Usage Precautions	Avoid direct contact with the material. Ensure adequate ventilation of area and avoid formation or spread of mists in the air. Keep away from food, drink and animal feed products. When using do not smoke. Avoid inhalation and contact with skin and eyes. Handle in accordance with good hygiene and safety practice.
Storage Precautions	Keep product in its original container well sealed, in a dry, ventilated area, away from potential sources of ignition and protected from light. Stock according to local / national regulations and always follow the precautions indicated on labels.

08. EXPOSURE CONTROLS/PERSONAL PROTECTION

Protective Equipment	
Engineering Measures	Provide adequate ventilation. Floor of storage room must be impermeable to liquids.
Respiratory Equipment	Self-contained breathing apparatus must be available in case of emergency.
Hand Protection	Chemical resistant gloves (PVC) must be worn.
Eye Protection	Wear approved safety goggles. Ensure eye wash station is to hand.

MATERIAL SAFETY DATA SHEET

Other Protection	Wear appropriate clothing to prevent any possibility of skin contact.
Hygiene Measures	Good personal hygiene practices are always advisable, especially when working with chemicals / oils.
Personal protection	Use personal protection according to Directive 89/686/EEC.
Skin protection	Wear apron or protective clothing to avoid contact with skin.
Environmental exposure controls	Avoid discharging into drainage water. Only eliminate by authorised companies.

09. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Liquid
Colour	Pale yellow to yellow
Odour	Characteristic
Relative Density	0.887 - 0.897 @ 20°C
Flash Point (°C)	76
Refractive Index	1.460 - 1.466 @ 20°C
Melting Point (°C)	No additional data available
Boiling Point (°C)	No additional data available
Vapour Pressure	No additional data available
Solubility in Water @20°C	Insoluble in water
Auto-ignition temperature (°C)	No additional data available

10. STABILITY AND REACTIVITY

Reactivity	Stable under the recommended handling and storage conditions.
Stability	Stable under the recommended handling and storage conditions.
Possible hazardous reactions	Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.
Conditions to Avoid	Avoid heat, flames and other sources of ignition.
Materials to Avoid	Avoid strong acids, alkalis and oxidising agents.

MATERIAL SAFETY DATA SHEET

Hazardous Decomposition Products	Emits toxic fumes on combustion
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11. TOXOLOGICAL INFORMATION

Acute Toxicity	Route SKN	Species RBT	Value 500	Units mg/24H MLD
Skin corrosion / irritation	Considered a skin irritant (Route: DRM). There may be irritation and redness at site of contact.			
Serious eye damage / irritation	There may be irritation and redness. Eyes will water profusely.			
Respiratory or skin sensitisation	On ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur. There may be vomiting. On Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.			
Germ Cell Mutagenicity	No additional data available			
Carcinogenicity	No additional data available			
Reproductive toxicity	No additional data available			
STOT-single exposure	No additional data available			
STOT-repeated exposure	No additional data available			
Aspiration hazard	No additional data available			
Photo-toxicity	No additional data available			
Other Information	Hazardous ingredient – Limonene			
	Route	Species	Test	Value
	IVN	MUS	LD50	1010
	ORL	MUS	LD50	5550
	ORL	RAT	LD50	5300
				Units
				µl/kg
				µl/kg
				mg/kg

12. ECOLOGICAL INFORMATION

Ecotoxicity	No additional data available
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MATERIAL SAFETY DATA SHEET

Mobility	Readily absorbed into soil
Persistence & Biodegradability	Not biodegradable
Bioaccumulation Potential	Bioaccumulation potential
PBT Assessment Results	This product is not identified as a PBT/vPvB substance
Precautions	Toxic to aquatic organisms. Toxic to soil organisms. Do not allow product to enter streams, sewers or other waterways.


13. DISPOSAL CONSIDERATIONS

Disposal Methods	General information Do not re-use empty containers. Empty residue into a suitable disposal site. Dispose of in compliance with all local and national regulations.
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14. TRANSPORT INFORMATION

Warning Icon	Insert/Paste Warning Icons Here
Proper Shipping Name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE
UN No. Road	3082
UN No. SEA	3082
UN No. AIR	3082
Transport hazard classes	<p>ADR/RID/ADN Class: 9: Miscellaneous dangerous substances and articles. IMDG Class: 9: Miscellaneous dangerous substances and articles. ICAO Class/Division: 9: Miscellaneous dangerous substances and articles.</p> <p>Transport Labels</p> 
Packing group	<p>ADR/RID/ADN Packing group : III IMDG Packing group : III ICAO Packing group : III</p>

MATERIAL SAFETY DATA SHEET

Environmental hazards	Environmentally Hazardous Substance: Yes Marine Pollutant: No 
Special precautions for user	Tunnel Restriction Code (E)

15. REGULATORY INFORMATION

EU Directives	Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.
Statutory Instruments	The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I. 2009 No. 716).
Guidance Notes	Workplace Exposure Limits EH40. CHIP for everyone HSG(108).

16. OTHER INFORMATION

Revision Date	26.11.2015
Rev No/Repl, SDS Generated	1
Hazard Statements in Full	EUH208: Contains <name of sensitising substance>. May produce an allergic reaction. H226: Flammable liquid and vapour. H228: Flammable solid. H302: Harmful if swallowed. H315: Causes skin irritation. H317: May cause an allergic skin reaction. H319: Causes serious eye irritation. H332: Harmful if inhaled. H371: May cause damage to organs <or state all organs affected, if known> <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>. H400: Very toxic to aquatic life. H410: Very toxic to aquatic life with long lasting effects. H412: Harmful to aquatic life with long lasting effects.
Other Information	None



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PRODUCT SPECIFICATION

Product Name		Lavandin Oil Abrialis			
Date	26/11/2015	Product Code	OELAVAABRI	Rev	1
Description	Lavandula Hybrida Abrial Herb Oil is an essential oil distilled from the flowering herbs of the Lavandin, Lavandula hybrida var. abrial, Labiatae				
Appearance	Limpid liquid, pale yellow to yellow				
Odour	Characteristic				
Customs Tariff Number	-				
Origin	-				
Application	-				
Function	Perfuming				
INCI Name	Lavandula Hybrida Abrial Herb Oil				
CAS Number	93455-96-0	EC Number	297-384-7		

TEST SPECIFICATION

Analytical Test	Specification Range
Specific Gravity @ 20°C (g/ml)	0.887 - 0.897
Refractive Index @ 20°C	1.460 - 1.466
Optical Rotation (Degrees)	-5.0 to -2.0

STORAGE

Store product in full, tightly closed containers in a cool dry place away from heat and sunlight.

STABILITY

When stored for more than 24 months, quality should be checked before use.

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Please note as this is a wholly natural material some parameters, in particular, appearance, colour and odour, may change due to natural variation and climate change. This in no way affects the quality and efficacy of the product.