

SAFETY DATA S GHS: According to 2015/830/	
<i>Code Number Version 1 Revised</i> 19/1.	<i>DEV-50479</i> 1/2020
Section 1. Identification	n of the substance/mixture and of the company/undertaking
1.1 Product I dentifier Product Name Code Number Alternative Name	LEMON & LIME ECO FRAGRANCE OIL DEV-50479
REACH Reg No	Not registered
1.2 Relevant identified	uses of the substance or mixture and uses advised against
Concentrated material	for manufacturing purposes only
1.3 Details of the supp	lier of the safety data sheet Scentsational Wax T/A Graces Court Unit 1D Grampound Road Industrial Estate Grampound Road Truro Cornwall TR2 4TB
Telephone Number	Tel No.: 01872 229 794
Email Address	Email: info@gracescourt.com
1.4 Emergency Tel No	Emergency No.01872 229 794
Section 2. Hazard I dent	tification
2.1 Classification of the	e substance or mixture
SCI 2	Skin corrosion/irritation, category 2
SS 1 EDI 2A	Skin sensitisation, category 1 Eye damage/irritation, category 2A
EH A2	Aquatic hazard, acute, category 2
EH C2	Aquatic hazard, acute, category 2 Aquatic hazard, chronic, category 2

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2.2 Label elements GHS classification a Hazard Pictogran	according to Regulat	ion (EC) No 1272/2008
Signal Word	Warning	
Hazard Statemen	its	
H315	Causes skin irri	tation
H317	May cause an a	llergic skin reaction
H319	Causes serious	eye irritation
H411	Toxic to aquation	: life with long lasting effects
Precautionary Sta	atements	
P261	Avoid breathing	fumes.
P264	Wash hands the	proughly after handling
P273	Avoid release to	o the environment.
P280	Wear protective	e gloves and eye protection
P302+P352	IF ON SKIN: W	ash with plenty of water.
P501	Dispose of cont regulation.	ents and container in accordance with local
2.3 Other Hazards		
		Methylpropional (Lilial), Citral, Citronellol, Hexyl may produce an allergic reaction
No further information	tion available at this	time
Section 3. Composit Any percentage values listed		on ingredients nts are for illustrative purposes only
3.2 Mixtures Complex mixture o	f fragrance ingredier	nts

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ID Numbers	Chemical Name, Classification and Hazards	Conc (%)
CAS 84-66-2 EINECS 201-550-6 REACH	Diethyl phthalate (DEP) SCI 3;EH A3 H316,H402	>=25%
CAS 120-51-4 EINECS 204-402-9 REACH	Benzyl benzoate (Phenylmethyl benzoate) ATO 4(1500);ATD 5(4000);EH A1,C2 H302,H313,H400,H411	>=5%,<10%
CAS 5989-27-5 EINECS 227-813-5 REACH	d-Limonene (R)-p-Mentha-1,8-diene (Marine Pollutant P) FL 3;AH 1;SCI 2;SS 1B;EH A1,C1 H226,H304,H315,H317,H400,H410	>=5%,<10%
CAS 5392-40-5 EINECS 226-394-6 REACH	Citral (3,7-Dimethyl-2,6,octadienal) (Lemarome) (Neral/Geranial) FL 4;ATD 5(2250);SCI 2;SS 1B;EDI 2A;EH A2 H227,H313,H315,H317,H319,H401	>=5%,<10%
CAS 2050-08-0 EINECS 218-080-2 REACH	Amyl salicylate (Pentyl salicylate) ATO 4(2000): SCI 3: EH A1,C1 H302,H316,H400,H410	>=3%,<5%
CAS 115-95-7 EINECS 204-116-4 REACH	Linalyl acetate FL 4; SCI 2; EDI 2A; EH A3 H227, H315, H319, H402	>=1%,<3%
CAS 78-70-6 EINECS 201-134-4 REACH	Linalool (3,7-Dimethyl-1,6-octadien-3-ol) (Coriandrol) FL 4;ATO 5(2780);SCI 2;EDI 2A;EH A3 H227,H303,H315,H319,H402	>=1%,<3%
CAS 1222-05-5 EINECS 214-946-9 REACH	Galaxolide (Abbalide) (HHCB) (1,2,3,4,6,7-Hexahydro-4,6,6,7,8,8-hexamethylcyclopenta-2-benzopyran SCI 3;EH A1,C1 H316,H400,H410	>=1%,<3%
CAS 1506-02-1 EINECS 216-133-4 REACH	6-Acetyl-1,1,2,4,4,7-hexamethyltetraline (Tonalide,Fixolide,AHTN) ATO 4(1000);EH A1,C1 H302,H400,H410	>=0.1%,<1%
CAS 1506-02-1 EINECS 216-133-4 REACH	Tetralide (7-Acetyl-1,1,3,4,4,6-hexamethyl tetralin) (Tonalide) (AHTN) ATO 4(1000);EH A1,C1 H302,H400,H410	>=0.1%,<1%
CAS 80-54-6 EINECS 201-289-8 REACH	para-tertButyl-alpha-methyldihydrocinnamic aldehyde (Lilial) (repr. Cat 3) ATO 4(1390);SCI 2;SS 1;REP 2;EH A2,C2 H302,H315,H317,H361,H401,H411	>=0.1%,<1%
CAS 586-62-9 EINECS 209-578-0 REACH	Terpinolene (para-Mentha-1,4(8)-diene) FL 4;ATO 5(3850);AH 1;SCI 3;SS 1B;EH A1,C1 H227,H303,H304,H316,H317,H400,H410	>=0.1%,<1%

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Se	ctio	n 4.	First	Aid	meas	ures

Take phrases in sections 2 into account

- 4.1 Description of first aid measures
 - After inhalation

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

After skin contact

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

After eye contact

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

After ingestion

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

4.2 Most important symptoms and effects, both acute and delayed No further information available at this time

4.3 Indication of immediate medical attention and special treatment needed No further information available at this time

Section 5. Fire-fighting measures

5.1 Extinguishing Media Carbon dioxide, foam or dry powder.

DO NOT USE A DIRECT WATER JET.

- 5.2 Special hazards arising from the substance or mixture May produce Carbon dioxide and unidentified organic compounds.
- 5.3 Advice for fire-fighters

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

Section 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures Remove all sources of ignition. Avoid inhalation, skin and eye contact. Ensure proper ventilation.

6.2 Environmental precautions

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

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6.3 Methods and material for containment and cleaning up Soak up spillage with sand or other inert absorbant material such as earth or 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
Section 7. Handling and storage

- 7.1 Precautions for safe handling Maintain good occupational and personal hygiene. Avoid inhalation and contact with skin and eyes.
- 7.2 Conditions for safe storage, including any incompatibilities Store in tightly sealed original containers away from ignition sources and in a cool place.
- 7.3 Specific end use(s) No further information available

Section 8. Exposure controls / personal protection

- 8.1 Control Parameters No information
- 8.2 Exposure controls

Engineering controls No information

Individual protection measures

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

Eye/face protection

Wear safety goggles.

Hand protection

Wear chemically resistant disposable gloves.

Other skin protection

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

Respiratory protection

Not generally required. Use inhalation protection in poorly ventilated areas

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Thermal hazards No information	
Environmental exposure controls No information	
Section 9. Physical and chemical properties	
9.1 Information on basic physical and cher FLASH POINT (°C) >60	nical properties
9.2 Other information No further information available	
Section 10. Stability and reactivity	
10.1 Reactivity Not determined	
10.2 Chemical Stability Not determined	
10.3 Possibility of hazardous reactions Not determined	
10.4 Conditions to avoid Extreme temperatures	
10.5 I ncompatible materialsHighly reactive chemicals which may produce additional hazards.10.6 Hazardous decomposition products	e unknown reaction products and so cause
Not determined	
Section 11. Toxicological information 11.1 Information on toxicological effects Acute toxicity No data	
Skin corrosion / irritation No data	
Serious eye damage / irritation No data	

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Respiratory or skin sensitisation No data
Germ cell mutagenicity No data
Carcinogenicity No data
Reproductive toxicity No data
STO-single exposure No data
STO-repeated exposure No data
Aspiration hazard No data
Information on likely routes of exposure No data
Symptoms related to the physical, chemical and toxicological characteristics No data
Delayed and immediate effects as well as chronic effects from short and long-term exposure No data
Interactive effects No data
Other information No data

Section 12. Ecological information

12.1 Toxicity

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

12.2 Persistence and degradability No data

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12.3 Bioaccumulative potential No data	
12.4 Mobility in soil No data	
12.5 Results of PBT and vPvB as No data	sessment
12.6 Other adverse effects	
13.1 Waste treatment methods	ns ction 8 (Exposure controls and personal protection) w and local regulations. Treat as trade effluent.
Section 14. Transport information	1
14.1 UN number	3082
14.2 UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (LIMONENE, AMYL SALICYLATE)
14.3 Transport hazard class(es)	9
14.4 Packing group	111
Tunnel Code	(E)
14.5 Environmental Hazards No relevant information available	
14.6 Special precautions for user No relevant information available	-
14.7 Transport in bulk according Not applicable	to Annex II of MARPOL73/78 and the IBC Code
Section 15. Regulatory information	ก
15.1 Safety, health and environn substance or mixture No relevant information available	nental regulations/legislation specific for the at this time

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5.2 Chemical safe	ety assessment
A chemical safety	assessment has not been carried out
ection 16. Other i	information
	autionary phrases
P261	Avoid breathing fumes.
P264	Wash hands thoroughly after handling
P273	Avoid release to the environment.
P280	Wear protective gloves and eye protection
P302+P352	IF ON SKIN: Wash with plenty of water.
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
FL 4	Flammable liquid, category 4
ATO 4	Acute toxicity, oral, category 4
ATO 5	Acute toxicity, oral, category 5
AH 1	Aspiration hazard, category 1
ATD 5	Acute toxicity, dermal, category 5
SCI 2	Skin corrosion/irritation, category 2
SCI 3	Skin corrosion/irritation, category 3
SS 1	Skin sensitisation, category 1
SS 1B	Skin sensitisation, category 1B
EDI 2A	Eye damage/irritation, category 2A
REP 2	Reproductive toxicity, category 2
EH A1	Aquatic hazard, acute, category 1
EH A2	Aquatic hazard, acute, category 2
EH A3	Aquatic hazard, acute, category 3
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
H227	Combustible liquid
H302	Harmful if swallowed

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H303	May be harmful if swallowed
H304	May be fatal if swallowed and enters airways
H313	May be harmful in contact with skin
H315	Causes skin irritation
H316	Causes mild skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H361	Suspected of damaging fertility or the unborn child
H400	Very toxic to aquatic life
H401	Toxic to aquatic life
H402	Harmful to aquatic life
H410	Very toxic to aquatic life with long lasting effects
H411	Toxic to aquatic life with long lasting effects



IFRA Conformity Certificate

Compound Name : LEMON & LIME ECO FRAGRANCE OIL : Code Number DEV-50479

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 (***)	0.58 (***)
2	0.72
3A	2.88
3B	2.88
3C	2.88
3D	2.88
4A	8.65
4B	8.65
4C	8.65
4D	8.65
5	4.32
6 (***)	14.41 (***)
7A	1.44
7B	1.44
8A	20.17
8B	20.17
9A	72.05
9B	72.05
9C	72.05
10A	36.03
10B	36.03
11	100.00

(*) See annex for definition of IFRA categories

(**) Usage limit N/A = Not Applicable; no IFRA restrictions (***) IFRA would recommend that any material used to impart perfume or flavour in products intended for human ingestion should consist of ingredients that are in compliance with appropriate regulations for foods and food flavourings

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

The IFRA Standards regarding restrictions are based on safety assessments by the Panel of Experts of the RESEARCH INSTITIUTE 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.

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Finished Product Types	I FRA category
Lip Products of all types (solid and liquid lipsticks, balms, clear or colored, etc.) Children' ずoys	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'	3С
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' ≸acial 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

Finished Product Types	
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 cleaners, furniture polish, etc.), Shampoos for pets, Dry cleaning kits, Scented gloves, socks, tights with moisturizers	10A
Diapers, Toilet seat wipes	10B
All non-skin contact or incidental skin contact including:	11
Candles, Air Fresheners and Fragrancing of all types (concentrated aerosol with metered doses (range 0.05-0.5mL/spray), plug-ins, solid substrate, membrane delivery, electrical), Air Delivery Systems, Cell phone cases, Pot pourri, powders, fragrancing sachets, liquid refills for air fresheners (non-cartridge systems), Reed diffusers, Liquid refills for air fresheners (cartridge systems), Shoe Polishes, Deodorizers, Maskers not intended for skin contact (e.g. fabric drying machine deodorizers, carpet powders), Insecticides (mosquito coil, paper, electrical, for clothing etc.) excluding aerosols, Scent delivery system using a dry air technology that releases a fragrance without sprays, aerosols or heated oils (technology of nebulization), Air freshening crystals, Toilet Blocks, Joss Sticks or Incense Sticks, Machine Dishwash Detergent and Deodorizers, Machine-only Laundry Detergent (e.g. liquitabs)**, Plastic articles (excluding toys), Fuels, Fragranced lamp ring, Scratch and Sniff (sampling technology), Paints, Cat Litter, Animal Sprays (all types), Treatment products for textiles (e.g. starch sprays, fabric treated with fragrances after wash, deodorizers for textiles or fabrics), Floor Wax, Odored Distilled Water (that can be added to steam irons)	

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

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

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



Allergen Analysis

Compound Name : LEMON & LIME ECO FRAGRANCE OIL

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fragrance ingredient	CAS No.	Concentration present as a percentage (%) or 'A' for absent in fragrance		
		Added as such	From natural & other sources	Total
alpha-iso-Methylionone	127-51-5	A	A	
Amyl Cinnamal	122-40-7	A	A	
Amylcinnamyl Alcohol	101-85-9	A	A	
Anise Alcohol	105-13-5	A	A	
Benzyl Alcohol	100-51-6	A	A	
Benzyl Benzoate	120-51-4	6.34	A	6.3
Benzyl Cinnamate	103-41-3	A	A	
Benzyl Salicylate	118-58-1	A	А	
Butylphenyl Methylpropional (Lilial)	80-54-6	0.15	A	0.1
Cinnamal	104-55-2	A	A	
Cinnamyl Alcohol	104-54-1	A	A	
Citral	106-26-3	6.94	A	6.9
	141-27-5			
	5392-40-5			
Citronellol	106-22-9	0.60	A	0.6
	1117-61-9			
	141-25-3			
	6812-78-8			
	68916-43-8			
	7540-51-4			
Coumarin	91-64-5	A	A	
Eugenol	97-53-0	A	A	
Evernia Furfuraceae (Tree Moss) Extract	90028-67-4	A	A	
Evernia Prunastri (Oak Moss) Extract	90028-68-5	A	A	
Farnesol	4602-84-0	A	A	
Geraniol	106-24-1	A	A	
Hexyl Cinnamal	101-86-0	0.03	A	0.0
Hydoxycitronellal	107-75-5	A	A	
Hydroxyisohexyl 3-Cyclohexene Carboxaldehyde (Lyral)	31906-04-4	A	A	
Isoeugenol	97-54-1	A	A	
Limonene	138-86-3	6.38	A	6.3
	5989-27-5			
	5989-54-8			
Linalool	126-90-9	2.31	А	2.3
	126-91-0			
	78-70-6			
Methyl 2-Octynoate	111-12-6	А	А	

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