

SAFETY DATA S CLP: According to 2015/830/E		Printed on	11 Dec 2020
Code Number Version 3 Revised 02/1	DEV-52689 2/2020 15:29:23		
Section 1. Identification	n of the substance/mixture a	and of the company/	undertaking
1.1 Product I dentifier			
Product Name	FLORAL ZEPHYR FRAGRANCE		
Code Number	DEV-52689		
Alternative Name REACH Reg No	Not registered		
	uses of the substance or mix		sed against
Concentrated material	for manufacturing purposes only	У	
1.3 Details of the supp	lier of the safety data sheet		
	Essican Group Ltd		
	Unit 2A		
	Hollow Wood Road Dover		
	Kent		
	CT17 0UB		
Telephone Number Email Address	01304 363632 sales@purelifeuk.co.uk		
	sales@pulelileuk.co.uk		
1.4 Emergency Tel No	07922 230825		
Section 2. Hazard I dent	ification		
2.1 Classification of th	e substance or mixture		
SCI 2	Skin corrosion/irritation, catego	-	
SS 1B	Skin sensitisation, category 1B		
EDI 2	Eye damage/irritation, categor	-	
EH C2	Aquatic hazard, chronic, catego	ory 2	
2.2 CLP Label elements	5		



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CLP classification a Hazard Pictogra	according to Regulation (EC) No 1272/2 ms	2008
Signal Word	Warning	
Hazard Stateme	nts	
H315	Causes skin irritation	
H317	May cause an allergic skin reactio	n
H319	Causes serious eye irritation	
H411	Toxic to aquatic life with long last	ing effects
Precautionary St	atements	
P273	Avoid release to the environment	
P280	Wear protective gloves and eye p	rotection
P302+P352	IF ON SKIN: Wash with plenty of	water.
P333+P313	If skin irritation or rash occurs: G	et medical advice.
P337+P313	If eye irritation persists: Get med	ical attention.
P501	Dispose of contents and container regulation.	r in accordance with local
2.3 Other Hazards		
	-Methylionone, Benzyl Salicylate, Citral ne and Linalool which may produce an a	
No further informa	tion available at this time	
•	tion / information on ingredients ed here for hazardous components are for illustrative purpe	oses only
3.2 Mixtures		
Complex mixture of	of fragrance ingredients	



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Hazardous com		
ID Numbers	Chemical Name, Classification and Hazards	Conc (%)
CAS 63500-71-0 EINECS 405-040-6 REACH	Florol (2-iso Butyl-4-hydroxy-4-methyl tetrahydro pyran) EDI 2 H319	>=10%,<25%
CAS 88-41-5 EINECS 201-828-7 REACH	Verdox (ortho-tertButyl cyclohexyl acetate) EH C2 H411	>=10%,<25%
CAS 98-55-5 EINECS 202-680-6 REACH	alpha-Terpineol (para-Menth-1-en-8-ol) (Lindenol) SCI 2;EDI 2 H315,H319	>=5%,<10%
CAS 60-12-8 EINECS 200-456-2 REACH	Phenethyl alcohol (Phenyl ethyl alcohol) EDI 2 H319	>=5%,<10%
CAS 5989-27-5 EINECS 227-813-5 REACH	d-Limonene (p-Mentha-1,8-diene) FL 3; SCI 2; SS 1B; AH 1; EH A1,C1 H226,H304,H315,H317,H400,H410	>=5%,<10%
CAS 53219-21-9 EINECS 258-432-2 REACH	Dihydromyrcenol (2-Methyl-6-methyleneoct-7-en-2-ol) EDI 2 H319	>=5%,<10%
CAS 118-58-1 EINECS 204-262-9 REACH	Benzyl salicylate (Phenylmethyl-2-hydroxybenzoate) SS 1B;EDI 2;EH C3 H317,H319,H412	>=3%,<5%
CAS 106-22-9 EINECS 203-375-0 REACH	dl-Citronellol (3,7-Dimethyl-6-octen-1-ol) (Dihydrogeraniol) SCI 2;SS 1B;EDI 2 H315,H317,H319	>=3%,<5%
CAS 78-70-6 EINECS 201-134-4 REACH	Coriandrol (Linalool) (3,7-Dimethyl-1,6-octadien-3-ol) SCI 2;EDI 2 H315,H319	>=3%,<5%
CAS 54464-57-2 EINECS 259-174-3 REACH	Iso E super (Octahydro-2,3,8,8-tetramethyl-2-acetonaphthone) SCI 2;SS 1;EH C2 H315,H317,H411	>=3%,<5%
CAS 101-86-0 EINECS 202-983-3 REACH	alpha-Hexyl cinnamic aldehyde (HCA) (2-Hexyl-phenyl-2-propenal) SS 1B;EH C2 H317,H411	>=3%,<5%
CAS EINECS REACH	GALAXOLIDE 50% IPM EH A1,C1 H400,H410	>=3%,<5%
CAS 127-51-5 EINECS 204-846-3 REACH	alpha-iso-Methylionone SCI 2;SS 1B;EDI 2;EH C2 H315,H317,H319,H411	>=1%,<3%



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CAS 8007-35-0 EINECS 232-357-5 REACH	Terpinyl acetate EH C2 H411	>=1%,<3%
CAS 5392-40-5 EINECS 226-394-6 REACH	Citral (3,7-Dimethyl-2,6,octadienal) (Lemarome) (Neral/Geranial) SCI 2; SS 1B;EDI 2 H315,H317,H319	>=1%,<3%
CAS 6259-76-3 EINECS 228-408-6 REACH	Hexyl salicylate (Hexyl-2-hydroxybenzoate) SCI 2;SS 1;EDI 2;EH A1,C1 H315,H317,H319,H400,H410	>=0.1%,<1%

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

Section 4. First Aid measures

Take phrases in section 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.

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5.3 Advice for fire-fightersWear 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

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)

Section 8. Exposure controls / personal protection

- 8.1 Control Parameters No information available
- 8.2 Exposure controls Engineering controls No information available

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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
Section 9. Physical and chemical properties
9.1 Information on basic physical and chemical properties
FLASH POINT (°C) Above 61
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

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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

Section 11. Toxicological information

11.1 Information on toxicological effects

Acute toxicity

3,4-DIMETHOXYBENZALDEHYDE (VERATRALDEHYDE) (CAS: 120-14-9) Oral route: LD50 = 2000 mg/kg

Skin corrosion / irritation No data available Serious eye damage / irritation No data available

Respiratory or skin sensitisation No data available

Germ cell mutagenicity No data available





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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

Section 12. Ecological information 12.1 Toxicity

- 12.2 Persistence and degradability No data available
- 12.3 Bioaccumulative potential No data available

12.4 Mobility in soil No data available

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12.5 Results of PBT and vPvB as No data available	sessment	
12.6 Other adverse effects No data available		
Section 13. Disposal consideratio Please refer to the information in se	ns ction 8 (Exposure controls and personal protection)
13.1 Waste treatment methods Dispose in accordance with the law	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, LI N.O.S. (CONTAINS LIMONENE)	QUID
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 Co	de
Section 15. Regulatory information	งท	
15.1 Safety, health and environn substance or mixture No relevant information available	nental regulations/legislation specific for the at this time	
15.2 Chemical safety assessmen A chemical safety assessment has		

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Section 16. Other	information
Full list of preca	autionary phrases
P273	Avoid release to the environment.
P280	Wear protective gloves and eye protection
P302+P352	IF ON SKIN: Wash with plenty of water.
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
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 2	Eye damage/irritation, category 2
EH A1	Aquatic hazard, acute, category 1
EH C1	Aquatic hazard, chronic, category 1
EH C2	Aquatic hazard, chronic, category 2
EH C3	Aquatic hazard, chronic, category 3
Wording of any	hazard statements listed in section 3
H226	Flammable liquid and vapour
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
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
H412	Harmful to aquatic life with long lasting effects



IFRA Conformity Certificate

Compound Name : FLORAL ZEPHYR FRAGRANCE : DEV-52689 Code Number

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 (***)	0.00 (***)		
2	5.00		
3A	20.00		
3В	20.00		
3C	20.00		
3D	20.00		
4A	60.00		
4B	60.00		
4C	60.00		
4D	60.00		
5	30.00		
6 (***)	0.00 (***)		
7A	10.00		
 7B	10.00		
8A	41.41		
8B	41.41		
9A	100.00		
9B	100.00		
9C	100.00		
10A	51.76		
10B	51.76		
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 Industrial Fragrances Ltd

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	
Lip Products of all types (solid and liquid lipsticks, balms, clear or colored, etc.) Children' stoys	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	
Hydroalcoholic Products Applied To Recently Shaved Skin (includes After Shave) - EdT	ЗА
Hydroalcoholic Products Applied To Recently Shaved Skin (includes After Shave) - Fine Fragrance	3В
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' 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

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 coll, 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. liquidas)**, 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 : FLORAL ZEPHYR FRAGRANCE

Code Number : DEV-52689

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	2.88	А	2.8
Amyl Cinnamal	122-40-7	A	А	
Amylcinnamyl Alcohol	101-85-9	A	А	
Anise Alcohol	105-13-5	A	А	
Benzyl Alcohol	100-51-6	A	А	
Benzyl Benzoate	120-51-4	A	А	
Benzyl Cinnamate	103-41-3	A	А	
Benzyl Salicylate	118-58-1	3.29	А	3.2
Butylphenyl Methylpropional (Lilial)	80-54-6	A	А	
Cinnamal	104-55-2	A	А	
Cinnamyl Alcohol	104-54-1	A	А	
Citral	106-26-3	1.00	А	1.0
	141-27-5			
	5392-40-5			
Citronellol	106-22-9	3.34	А	3.3
	1117-61-9			
	141-25-3			
	6812-78-8			
	68916-43-8			
	7540-51-4			
Coumarin	91-64-5	A	А	
Eugenol	97-53-0	0.24	А	0.2
Evernia Furfuraceae (Tree Moss) Extract	90028-67-4	A	А	
Evernia Prunastri (Oak Moss) Extract	90028-68-5	A	А	
Farnesol	4602-84-0	A	А	
Geraniol	106-24-1	A	А	
Hexyl Cinnamal	101-86-0	4.83	А	4.8
Hydroxycitronellal	107-75-5	A	А	
Isoeugenol	97-54-1	A	А	
Limonene	138-86-3	A	5.22	5.2
	5989-27-5			
	5989-54-8			
	7705-14-8			
Linalool	126-90-9	3.57	А	3.5
	126-91-0			
	78-70-6			
Methyl 2-Octynoate	111-12-6	A	A	