

## SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

**Product:** FIZZY LIME FRAGRANCE

**Version:** 17

### Section 1. Identification of the substance or the mixture and of the supplier

#### 1.1 Product Identifier

**Product identifier:** FIZZY LIME FRAGRANCE (Contains:ALPHA-PINENES, CITRAL, LIMONENE) None

**Other identifiers:**

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

**Product uses:** Fragrances

#### 1.3 Details of the supplier of the safety data sheet

**Company name:** Stansfield's Fragrance Oils

**Company address:** Unit B Solo Works  
Rotterdam Road  
Hull  
HU7 0XD

**Contact:**

**E-Mail address:** info@stansfields.shop

**Company phone:** +44 (0) 1482 447272

#### 1.4 Emergency telephone number

**Emergency phone:** Outside Office Hours: +44 (0)7921236290

### Section 2. Hazards identification

#### 2.1 Classification of the substance or mixture

##### **Classification under Regulation (EC) No 1272/2008**

**Class and category of danger:** Skin Corrosion / Irritation Category 2  
Eye Damage / Irritation Category 2  
Sensitization - Skin Category 1  
Aspiration Hazard Category 1  
Hazardous to the Aquatic Environment - Acute Hazard Category 1  
Hazardous to the Aquatic Environment - Long-term Hazard Category 2  
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.  
H411, Toxic to aquatic life with long lasting effects.

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### 2.2 Label elements

#### Classification under Regulation (EC) No 1272/2008

**Signal word:** Danger

**Hazard statements:** 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.  
H411, Toxic to aquatic life with long lasting effects.

**Supplemental Information:** EUH208, Contains ALPHA-TERPINENE, BETA-PINENES, CITRAL-ACID ISOMERIZED, EUCALYPTOL, GERANYL ACETATE, LAURALDEHYDE, LINALOOL, NERYL ACETATE, TERPINOLENE. May produce an allergic reaction.

**Precautionary statements:** P261, Avoid breathing vapour or dust.  
P264, Wash hands and other contacted skin thoroughly after handling.  
P272, Contaminated work clothing should not be allowed out of the workplace.  
P273, Avoid release to the environment.  
P280, Wear protective gloves/eye protection/face protection.  
P301/310, IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.  
P302/352, IF ON SKIN: Wash with plenty of soap and water.  
P305/351/338, IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P331, Do not induce vomiting.  
P333/313, If skin irritation or rash occurs: Get medical advice/attention.  
P337/313, If eye irritation persists: Get medical advice/attention.  
P362, Take off contaminated clothing and wash before reuse.  
P391, Collect spillage.  
P405, Store locked up.  
P501, Dispose of contents/container to approved disposal site, in accordance with local regulations.

**Pictograms:**



### 2.3 Other hazards

**Other hazards:** Sensitisers declared on a CLP Hazard Label: ALPHA-TERPINENE, BETA-PINENES, CITRAL-ACID ISOMERIZED, EUCALYPTOL, GERANYL ACETATE,

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**Other hazards:** LAURALDEHYDE, LINALOOL, NERYL ACETATE,  
TERPINOLENE  
Hydrocarbon Concentration %: 27.107%

### Section 3. Composition / information on ingredients

#### 3.2 Mixtures

##### Contains:

Name	CAS	EC	REACH Registration No.	%	Classification for (CLP) 1272/2008	Specific Conc. Limits, M-factors and ATEs
LIMONENE	5989-27-5	227-813-5		20-<50%	FL 3-SCI 2-SS 1B-AH 1-EH A1-EH C3;H226-H304-H315-H317-H400-H412,-	
TERPINEOL	8000-41-7	232-268-1	01-2119553062-49-xxxx	20-<50%	SCI 2-EDI 2;H315-H319,-	oral: ATE = 4300 mg/kg bw
CITRAL	5392-40-5	226-394-6	01-2119462829-23-xxxx	5-<10%	SCI 2-EDI 2-SS 1; H315-H317-H319,-	
ETHYL BETA-NAPHTHYL ETHER	93-18-5	202-226-7		5-<10%	EDI 2-EH C2;H319-H411,-	oral: ATE = 3110 mg/kg bw
CIS-2-TERT-BUTYLCYCLOHEXYL ACETATE	20298-69-5	243-718-1	01-2119970713-33-xxxx	5-<10%	EH C2;H411,-	oral: ATE = 4600 mg/kg bw
ALPHA-PINENES	80-56-8	201-291-9		1-<5%	FL 3-ATO 4-SCI 2-SS 1B-AH 1-EH A1-EH C1;H226-H302-H304-H315-H317-H410,-	oral: ATE = 500 mg/kg bw
P-CYMENE	99-87-6	202-796-7		0.1-<1%	FL 3-ATI 3-REP 2-AH 1-EH C2;H226-H304-H331-H361-H411,-	inhalation: ATE = 9.7 mg/l (vapour)-oral: ATE = 4750 mg/kg bw
TERPINOLENE	586-62-9	209-578-0		0.1-<1%	SS 1B-AH 1-EH A1-EH C1;H304-H317-H410,-	oral: ATE = 3775 mg/kg bw
EUCALYPTOL	470-82-6	207-431-5		0.1-<1%	FL 3-SS 1B;H226-H317,-	oral: ATE = 2480 mg/kg bw
CITRAL-ACID ISOMERIZED	147060-73-9, 90480-35-6	291-768-8		0.1-<1%	FL 2-SS 1B-REP 2-EH C2;H225-H317-H361-H411,-	
GAMMA-TERPINENE	99-85-4	202-794-6		0.1-<1%	FL 3-REP 2-AH 1-EH C2;H226-H304-H361-H411,-	oral: ATE = 3650 mg/kg bw
MYRCENE	123-35-3	204-622-5		0.1-<1%	FL 3-SCI 2-EDI 2-AH 1-EH A1-EH C2;H226-H304-H315-H319-H400-H411,-	
ALPHA-TERPINENE	99-86-5	202-795-1		0.1-<1%	FL 3-ATO 4-EDI 2-SS 1-AH 1-EH C2;H226-H302-H304-H317-H319-H411,-	oral: ATE = 1680 mg/kg bw
NERYL ACETATE	141-12-8	205-459-2		0.1-<1%	SS 1B;H317,-	
LINALOOL	78-70-6	201-134-4	01-2119474016-42-xxxx	0.1-<1%	SCI 2-EDI 2-SS 1B; H315-H317-H319,-	oral: ATE = 2790 mg/kg bw

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BETA-PINENES	127-91-3	204-872-5		0.1-<1%	FL 3-SCI 2-SS 1B-AH 1-EH A1-EH C1;H226-H304-H315-H317-H410,-	
LAURALDEHYDE	112-54-9	203-983-6	01-2119969441-33-xxxx	0.1-<1%	SCI 2-EDI 2-SS 1B; H315-H317-H319,-	
GERANYL ACETATE	105-87-3	203-341-5	01-2119973480-35-xxxx	0.1-<1%	SCI 2-SS 1B-EH C3; H315-H317-H412,-	

### Substances with Community workplace exposure limits:

Name	CAS	EC	REACH Registration No.	%	Classification for (CLP) 1272/2008	Specific Conc. Limits, M-factors and ATEs
ALCOHOL	64-17-5	200-578-6		0.1-<1%	FL 2-EDI 2;H225-H319,-	
DIETHYL PHTHALATE	84-66-2	201-550-6	01-2119486682-27-xxxx	20-<50%	-;-,-	

### Substances that are endocrine disruptors according to Regulation (EU) 2017/2100 or Regulation (EU) 2018/605, greater than 0.1%:

Not Applicable

### Substances that are persistent, bioaccumulative and toxic or very persistent and very bioaccumulative, greater than 0.1%:

Not Applicable

## Section 4. First-aid measures

### 4.1 Description of first aid measures

- Inhalation:** Remove from exposure site to fresh air, keep at rest, and obtain medical attention.
- Eye exposure:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- Skin exposure:** IF ON SKIN: Wash with plenty of soap and water.
- Ingestion:** IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

### 4.2 Most important symptoms and effects, both acute and delayed

- May be fatal if swallowed and enters airways.
- Causes skin irritation.
- May cause an allergic skin reaction.
- Causes serious eye irritation.

### 4.3 Indication of any immediate medical attention and special treatment needed

None expected, see Section 4.1 for further information.

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### Section 5: Firefighting measures

#### 5.1 Extinguishing media

Suitable media: Carbon dioxide, Dry chemical, Foam.

#### 5.2 Special hazards arising from the substance or mixture

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

#### 5.3 Advice for fire fighters:

In case of insufficient ventilation, wear suitable respiratory equipment.

### Section 6. Accidental release measures

#### 6.1 Personal precautions, protective equipment and emergency procedures:

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

#### 6.2 Environmental precautions:

Keep away from drains, surface and ground water, and soil.

#### 6.3 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.

#### 6.4 Reference to other sections:

Also refer to sections 8 and 13.

### Section 7. Handling and storage

#### 7.1 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.

#### 7.2 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.

#### 7.3 Specific end use(s):

Fragrances: Use in accordance with good manufacturing and industrial hygiene practices.

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### Section 8. Exposure controls/personal protection

#### 8.1 Control parameters

Workplace exposure limits:

Ingredient	CAS	EC	Description	Value
ALCOHOL	64-17-5	200-578-6	UK Long-term exposure limit (8-hour TWA) (ppm)	1000 ppm
			UK Long-term exposure limit (8-hour TWA) (mg/m <sup>3</sup> )	1920 mg/m <sup>3</sup>
DIETHYL PHTHALATE	84-66-2	201-550-6	UK Long-term exposure limit (8-hour TWA) (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup>
			UK Short-term exposure limit (15-minute) (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>

#### 8.2 Exposure Controls

##### Eye / Skin Protection

Wear protective gloves/eye protection/face protection

##### Respiratory Protection

Ensure adequate and ongoing ventilation is maintained in order to prevent build up of excessive vapour and to ensure occupational exposure limits are adhered to. If appropriate, and depending on your patterns and volumes of use, the following engineering controls may be required as additional protective measures: a) Isolate mixing rooms and other areas where this material is used or openly handled. Maintain these areas under negative air pressure relative to the rest of the plant. b) Employ the use of Personal protective equipment - an approved, properly fitted respirator with organic vapour cartridges or canisters and particulate filters. c) Use local exhaust ventilation around open tanks and other open sources of potential exposures in order to avoid excessive inhalation, including places where this material is openly weighed or measured. In addition, use general dilution ventilation of the work area to eliminate or reduce possible worker exposures. d) Use closed systems for transferring and processing this material.

Also refer to Sections 2 and 7.

### Section 9. Physical and chemical properties

#### 9.1 Information on basic physical and chemical properties

<b>Physical State/Colour:</b>	Clear colourless to pale yellow liquid
<b>Odour:</b>	Not determined
<b>Odour threshold:</b>	Not determined
<b>Melting point/freezing point:</b>	Not determined
<b>Boiling point or initial boiling point and boiling range:</b>	Not determined
<b>Flammability:</b>	Not determined
<b>Lower and upper explosion limit:</b>	Not determined
<b>Flash point:</b>	62 °C
<b>Auto-ignition temperature:</b>	Not determined

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<b>Decomposition temperature:</b>	Not relevant
<b>pH:</b>	Not determined
<b>Kinematic viscosity:</b>	Not determined
<b>Solubility:</b>	Not determined
<b>Partition coefficient: n-octanol/water (log value):</b>	Not determined
<b>Vapour pressure:</b>	0.71071840 mmHg
<b>Density and/or relative density:</b>	0.9460
<b>Relative vapour density:</b>	Not determined
<b>Particle characteristics:</b>	Not determined

**9.2 Other information:** None available

### Section 10. Stability and reactivity

#### **10.1 Reactivity:**

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

#### **10.2 Chemical stability:**

Good stability under normal storage conditions.

#### **10.3 Possibility of hazardous reactions:**

Not expected under normal conditions of use.

#### **10.4 Conditions to avoid:**

Avoid extreme heat.

#### **10.5 Incompatible materials:**

Avoid contact with strong acids, alkalis or oxidising agents.

#### **10.6 Hazardous decomposition products:**

Not expected.

### Section 11. Toxicological information

#### **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**

This mixture has not been tested as a whole for health effects. The health effects have been calculated using the methods outlined in Regulation (EC) No 1272/2008 (CLP).

<b>Acute Toxicity:</b>	Based on available data the classification criteria are not met.
Acute Toxicity Oral	>5000
Acute Toxicity Dermal	Not Applicable
Acute Toxicity Inhalation	Not Available
<b>Skin corrosion/irritation:</b>	Skin Corrosion / Irritation Category 2
<b>Serious eye damage/irritation:</b>	Eye Damage / Irritation Category 2
<b>Respiratory or skin sensitisation:</b>	Sensitization - Skin Category 1

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**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:** Aspiration Hazard Category 1

### Information about hazardous ingredients in the mixture

Ingredient	CAS	EC	LD50/ATE Oral	LD50/ATE Dermal	LC50/ATE Inhalation	LC50 Route
ALPHA-PINENES	80-56-8	201-291-9	500	Not available	Not available	Not available
P-CYMENE	99-87-6	202-796-7	4750	Not available	9.7	Vapour

Refer to Sections 2 and 3 for additional information.

### 11.2 Information on other hazards

Not Applicable

## Section 12. Ecological information

### 12.1 Toxicity:

Very toxic to aquatic life.

Toxic to aquatic life with long lasting effects.

**12.2 Persistence and degradability:** Not available

**12.3 Bioaccumulative potential:** Not available

**12.4 Mobility in soil:** Not available

### 12.5 Results of PBT and vPvB assessment:

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

**12.6 Endocrine disrupting properties:** Not Applicable

**12.7 Other adverse effects:** Not available

## Section 13. Disposal considerations

### 13.1 Waste treatment methods:

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.

## Section 14. Transport information

	<b>14.1 UN number or ID number:</b>	<b>14.2 UN Proper Shipping Name:</b>	<b>14.3 Transport hazard class (es):</b>	<b>Sub Risk:</b>	<b>14.4 Packing Group:</b>
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<b>UN Model Regulations</b>	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (LIMONENE, ALPHA-PINENES)	9	-	III
<b>IMDG</b>	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (LIMONENE, ALPHA-PINENES) MARINE POLLUTANT	9	-	III
<b>ADR,RID,ADN</b>	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (LIMONENE, ALPHA-PINENES)	9	-	III
<b>ICAO TI</b>	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (LIMONENE, ALPHA-PINENES)	9	-	III

**14.5 Environmental hazards:** This is classified as an environmentally hazardous substance under the UN Model Regulations. This is classified as a Marine Pollutant under the IMDG Code.

**14.6 Special precautions for user:** None additional

**14.7 Maritime transport in bulk according to IMO instruments:**

Not applicable

### Section 15. Regulatory information

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

None additional

**15.2 Chemical Safety Assessment**

A Chemical Safety Assessment has not been carried out for this product.

### Section 16. Other information

**Concentration % Limits:** SCI 2=19.12% EDI 2=33.12% SS 1=3.98% AH 1=36.89% EH A1=87.71% EH C2=64.88% EH C3=6.09% EH C4=65.78% EDI 2A=33.12%

**Total Fractional Values:** SCI 2=5.23 EDI 2=3.02 SS 1=25.15 AH 1=2.71 EH A1=1.14 EH C2=1.54 EH C3=16.42 EH C4=1.52 EDI 2A=3.02

**Key to revisions:**

- Concentration % Limits
- Endocrine Disruptor Ingredient Details
- Information about hazardous ingredients in the mixture
- SECTION 3: Composition/information on ingredients
- Total Fractional Values
- Workplace exposure limits

**Key to abbreviations:**

Abbreviation	Meaning
AH 1	Aspiration Hazard Category 1

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ATI 3	Acute Toxicity - Inhalation Category 3
ATO 4	Acute Toxicity - Oral Category 4
EDI 2	Eye Damage / Irritation Category 2
EH A1	Hazardous to the Aquatic Environment - Acute Hazard Category 1
EH C1	Hazardous to the Aquatic Environment - Long-term Hazard Category 1
EH C2	Hazardous to the Aquatic Environment - Long-term Hazard Category 2
EH C3	Hazardous to the Aquatic Environment - Long-term Hazard Category 3
FL 2	Flammable Liquid, Hazard Category 2
FL 3	Flammable Liquid, Hazard Category 3
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H361	Suspected of damaging fertility or the unborn child.
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.
P202	Do not handle until all safety precautions have been read and understood.
P210	Keep away from heat, sparks, open flames and hot surfaces. - No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical, ventilating and lighting equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing vapour or dust.
P264	Wash hands and other contacted skin thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P271	Use only outdoors or in a well-ventilated area.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves/eye protection/face protection.
P301/310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P302/352	IF ON SKIN: Wash with plenty of soap and water.
P303/361/353	IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
P304/340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305/351/338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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P308/313	IF exposed or concerned: Get medical advice/attention.
P311	Call a POISON CENTRE or doctor/physician.
P330	Rinse mouth.
P331	Do not induce vomiting.
P332/313	If skin irritation occurs: Get medical advice/attention.
P333/313	If skin irritation or rash occurs: Get medical advice/attention.
P337/313	If eye irritation persists: Get medical advice/attention.
P362	Take off contaminated clothing and wash before reuse.
P363	Wash contaminated clothing before reuse.
P370/378	In case of fire: Use carbon dioxide, dry chemical, foam for extinction.
P391	Collect spillage.
P403/235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container to approved disposal site, in accordance with local regulations.
REP 2	Toxic to Reproduction Category 2
SCI 2	Skin Corrosion / Irritation Category 2
SS 1	Sensitization - Skin Category 1
SS 1B	Sensitization - Skin Category 1B

The information in this safety data sheet is to the best of our knowledge true and accurate but all data, instructions, recommendations and/or suggestions are made without guarantee.