

# Safety Data Sheet

SDS v1 GHS / OSHA

Revised Date: 2019-07-22 00:00

Product: **Almond Fragrance Oil**

Product ID:

SKU#: **fr-1**

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Print Date: 2019-10-03 14:04

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

### 1.1 Product identifier

**Trade Name:** Almond Fragrance Oil

**Product ID:** 6270

### 1.2 Relevant identified product use

**Intended use:** Compound used in customer substance/mixture/product

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

The Perfumer's Apprentice  
170 Technology Circle  
Scotts Valley, CA 95066 USA  
(831) 316-7137

### 1.4 Emergency telephone number

**(800) 255-3924** Domestic USA, Canada, Puerto Rico, and US Virgin Islands

**+1 813 248-0585** International

## 2. Hazards Identification

### 2.1 Classification of the substance or mixture

This mixture has not been tested as a whole. The effects, listed below, are based on evaluation of individual components in accordance with the provisions of the regulation(s) noted below.

#### Classification according to GHS

Flammable Liquids, Category 4	H227 : Combustible liquid
Acute Toxicity Oral, Category 4	H302 : Harmful if swallowed
Acute Toxicity Dermal, Category 5	H313 : May be harmful in contact with skin
Skin Corrosion/Irritation, Category 3	H316 : Causes mild skin irritation
Sensitization, Skin, Category 1B	H317 : May cause an allergic skin reaction
Eye Damage/Eye Irritation, Category 2A	H319 : Causes serious eye irritation
Acute Toxicity Inhalation, Category 4	H332 : Harmful if inhaled
Target Organ Systemic Toxicity - Single Exposure, Category 3-RI	H335 : May cause respiratory irritation
Reproductive Toxicology, Category 2	H361 : Suspected of damaging fertility or the unborn child
Aquatic Acute Toxicity, Category 1	H400 : Very Toxic to aquatic life
Aquatic Chronic Toxicity, Category 2	H411 : Toxic to aquatic life with long lasting effects

#### Classification OSHA (Provisions 1910.1200 of title 29)

Flammable Liquids, Category 4	H227 : Combustible liquid
Acute Toxicity Oral, Category 4	H302 : Harmful if swallowed
Eye Damage/Eye Irritation, Category 2A	H319 : Causes serious eye irritation
Acute Toxicity Inhalation, Category 4	H332 : Harmful if inhaled
Target Organ Systemic Toxicity - Single Exposure, Category 3-RI	H335 : May cause respiratory irritation
Reproductive Toxicology, Category 2	H361 : Suspected of damaging fertility or the unborn child
Aquatic Acute Toxicity, Category 1	H400 : Very Toxic to aquatic life

#### Classification Other

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Carcinogenicity

This mixture contains ingredients identified as carcinogens, at 0.1% or greater, by the following: None [X] ACGIH [ ] IARC [ ] NTP [ ] OSHA [ ]

## 2.2 Label elements

### Labelling (REGULATION (EC) No 1272/2008)

#### Hazard pictograms



**Signal Word: Warning**

#### Hazard statements

H227	Combustible liquid
H302	Harmful if swallowed
H313	May be harmful in contact with skin
H316	Causes mild skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H332	Harmful if inhaled
H335	May cause respiratory irritation
H361	Suspected of damaging fertility or the unborn child
H400	Very Toxic to aquatic life
H411	Toxic to aquatic life with long lasting effects

#### Precautionary Statements

##### Prevention:

P201	Obtain special instructions before use
P202	Do not handle until all safety precautions have been read and understood
P233	Keep container tightly closed
P235	Keep cool
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
P272	Contaminated work clothing should not be allowed out of the workplace
P273	Avoid release to the environment
P281	Use personal protective equipment as required

##### Response:

P301 + P312 + P330	IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell Rinse mouth
P302 + P352	IF ON SKIN: Wash with soap and water
P304 + P312 + P340	IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell Remove victim to fresh air and keep at rest in a position comfortable for breathing
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes Remove contact lenses if present and easy to do. continue rinsing
P308 + P313	IF exposed or concerned: Get medical advice/attention
P312	Call a POISON CENTER or doctor/physician if you feel unwell

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P333 + P313	If skin irritation or a rash occurs: Get medical advice/attention
P337 + P313	If eye irritation persists: Get medical advice/attention
P340	Remove victim to fresh air and keep at rest in a position comfortable for breathing
P363	Wash contaminated clothing before reuse
P370 + P378	In case of fire: Use Carbon dioxide (CO2), Dry chemical, or Foam for extinction. Do not use a direct water jet on burning material
P391	Collect Spillage

## 2.3 Other Hazards

no data available

## 3. Composition/Information on Ingredients

### 3.1 Mixtures

This product is a complex mixture of ingredients, which contains among others the following substance(s), presenting a health or environmental hazard within the meaning of the UN Globally Harmonized System of Classification and Labeling of Chemicals (GHS):

CAS# Ingredient	EC#	Conc. Range	GHS Classification
<b>100-52-7</b> <i>Benzaldehyde</i>	202-860-4	30 - 40 %	H227; H302; H316; H319; H332; H335; H401
<b>120-51-4</b> <i>Benzyl Benzoate</i>	204-402-9	10 - 20 %	H302; H313; H400; H411
<b>8050-15-5</b> <i>Methyl ester of rosin (partially hydrogenated)</i>	232-476-2	10 - 20 %	H402; H412
<b>101-86-0</b> <i>Hexyl cinnamaldehyde</i>	202-983-3	5 - 10 %	H303; H316; H317; H400; H411
<b>80-54-6</b> <i>Butylphenyl Methylpropional</i>	201-289-8	5 - 10 %	H227; H302; H315; H317; H361; H401; H412
<b>60-12-8</b> <i>phenethyl alcohol</i>	200-456-2	2 - 5 %	H302; H313; H316; H319
<b>89-43-0</b> <i>Hydroxycitronellal-methyl anthranilate (Schiff base)</i>	201-908-1	2 - 5 %	H316
<b>104-87-0</b> <i>p-Tolualdehyde</i>	203-246-9	2 - 5 %	H227; H302; H316; H319
<b>107-75-5</b> <i>Hydroxycitronellal</i>	203-518-7	2 - 5 %	H317; H319; H402
<b>106-24-1</b> <i>Geraniol</i>	203-377-1	1 - 2 %	H303; H315; H317; H318; H402
<b>134-20-3</b> <i>Methyl anthranilate</i>	205-132-4	1 - 2 %	H303; H316; H319; H402
<b>105-95-3</b> <i>Ethylene brassylate</i>	203-347-8	1 - 2 %	H401
<b>123-11-5</b> <i>Anisaldehyde</i>	204-602-6	1 - 2 %	H303; H402; H412

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CAS# Ingredient	EC#	Conc. Range	GHS Classification
121-33-5 <i>vanillin</i>	204-465-2	1 - 2 %	H303; H319
91-64-5 <i>Coumarin</i>	202-086-7	1 - 2 %	H302; H317; H402
81-14-1 <i>Musk ketone</i>	201-328-9	1 - 2 %	H316; H400; H410

See Section 16 for full text of GHS classification codes

See Section 16 for full text of GHS classification codes which were not shown in section 2

Total Hydrocarbon Content (% w/w) = 0.00

## 4. First Aid Measures

### 4.1 Description of first aid measures

<b>Inhalation:</b>	Remove from exposure site to fresh air and keep at rest. Obtain medical advice.
<b>Eye Exposure:</b>	Flush immediately with water for at least 15 minutes. Contact physician if symptoms persist.
<b>Skin Exposure:</b>	Remove contaminated clothes. Wash thoroughly with water (and soap). Contact physician if symptoms persist.
<b>Ingestion:</b>	Rinse mouth with water and obtain medical advice.

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

<b>Symptoms:</b>	no data available
<b>Risks:</b>	Refer to Section 2.2 "Hazard Statements"

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

<b>Treatment:</b>	Refer to Section 2.2 "Response"
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## 5. Fire-Fighting measures

### 5.1 Extinguishing media

<b>Suitable:</b>	Carbon dioxide (CO <sub>2</sub> ), Dry chemical, Foam
<b>Unsuitable</b>	Do not use a direct water jet on burning material

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

<b>During fire fighting:</b>	Water may be ineffective
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### 5.3 Advice for firefighters

<b>Further information:</b>	Standard procedure for chemical fires
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## 6. Accidental Release Measures

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

Avoid inhalation and contact with skin and eyes. A self-contained breathing apparatus is recommended in case of a major spill.

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## 6.2 Environmental precautions

Keep away from drains, soil, and surface and groundwater.

## 6.3 Methods and materials for containment and cleaning up

Clean up spillage promptly. Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapors. Gross spillages should be contained by use of sand or inert powder and disposed of according to the local regulations.

## 6.4 Reference to other sections

Not Applicable

## 7. Handling and Storage

### 7.1 Precautions for safe handling

Apply according to good manufacturing and industrial hygiene practices with proper ventilation. Do not drink, eat or smoke while handling. Respect good personal hygiene.

### 7.2 Conditions for safe storage, including any incompatibilities

Store in a cool, dry and ventilated area away from heat sources and protected from light in tightly closed original container. Avoid uncoated metal container. Keep air contact to a minimum.

### 7.3 Specific end uses

No information available

## 8. Exposure Controls/Personal Protection

### 8.1 Control parameters

**Exposure Limits:** Contains no substances with occupational exposure limit values.

**Engineering Controls:** Use local exhaust as needed.

### 8.2 Exposure controls - Personal protective equipment

**Eye protection:** Tightly sealed goggles, face shield, or safety glasses with brow guards and side shields, etc. as may be appropriate for the exposure

**Respiratory protection:** Avoid excessive inhalation of concentrated vapors. Apply local ventilation where appropriate.

**Skin protection:** Avoid Skin contact. Use chemically resistant gloves as needed.

## 9. Physical and Chemical Properties

### 9.1 Information on basic physical and chemical properties

**Appearance:** Liquid

**Odor:** Conforms to Standard

**Color:** Yellow to Greenish Yellow (G4-6)

**Viscosity:** Liquid

**Freezing Point:** Not determined

**Boiling Point:** Not determined

**Melting Point:** Not determined

**Flashpoint (CCCFP):** 163 F (72.78 C)

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<b>Auto flammability:</b>	Not determined
<b>Explosive Properties:</b>	None Expected
<b>Oxidizing properties:</b>	None Expected
<b>Vapor Pressure (mmHg@20 C):</b>	0.4556
<b>%VOC:</b>	0.46
<b>Specific Gravity @ 25 C:</b>	1.0460
<b>Density @ 25 C:</b>	1.0430
<b>Refractive Index @ 20 C:</b>	1.5430
<b>Soluble in:</b>	Oil

## 10. Stability and Reactivity

<b>10.1 Reactivity</b>	None
<b>10.2 Chemical stability</b>	Stable
<b>10.3 Possibility of hazardous reactions</b>	None known
<b>10.4 Conditions to avoid</b>	None known
<b>10.5 Incompatible materials</b>	Strong oxidizing agents, strong acids, and alkalis
<b>10.6 Hazardous decomposition products</b>	None known

## 11. Toxicological Information

### 11.1 Toxicological Effects

Acute Toxicity Estimates (ATEs) based on the individual Ingredient Toxicity Data utilizing the "Additivity Formula"

<b>Acute toxicity - Oral - (Rat) mg/kg</b>	(LD50: 1837.4558) Harmful if swallowed
<b>Acute toxicity - Dermal - (Rabbit) mg/kg</b>	(LD50: 2555.5882) May be harmful in contact with skin
<b>Acute toxicity - Inhalation - (Rat) mg/L/4hr</b>	(LD50: 18.7970) Harmful if inhaled
<b>Skin corrosion / irritation</b>	Harmful if inhaled
<b>Serious eye damage / irritation</b>	Causes serious eye irritation
<b>Respiratory sensitization</b>	Not classified - the classification criteria are not met
<b>Skin sensitization</b>	May cause an allergic skin reaction
<b>Germ cell mutagenicity</b>	Not classified - the classification criteria are not met
<b>Carcinogenicity</b>	Not classified - the classification criteria are not met
<b>Reproductive toxicity</b>	Suspected of damaging fertility or the unborn child
<b>Specific target organ toxicity - single exposure</b>	May cause respiratory irritation
<b>Specific target organ toxicity - repeated exposure</b>	Not classified - the classification criteria are not met
<b>Aspiration hazard</b>	Not classified - the classification criteria are not met

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## 12. Ecological Information

### 12.1 Toxicity

Acute aquatic toxicity	Very Toxic to aquatic life
Chronic aquatic toxicity	Toxic to aquatic life with long lasting effects
Toxicity Data on soil	no data available
Toxicity on other organisms	no data available

12.2 Persistence and degradability no data available

12.3 Bioaccumulative potential no data available

12.4 Mobility in soil no data available

12.5 Other adverse effects no data available

## 13. Disposal Conditions

### 13.1 Waste treatment methods

Do not allow product to reach sewage systems. Dispose of in accordance with all local and national regulations. Send to a licensed waste management company. The product should not be allowed to enter drains, water courses or the soil. Do not contaminate ponds, waterways or ditches with chemical or used container.

## 14. Transport Information

**Marine Pollutant** Yes. Ingredient of greatest environmental impact :  
120-51-4 : (10 - 20 %) : Benzyl Benzoate

Regulator	Class	Pack Group	Sub Risk	UN-nr.
<b>U.S. DOT (Non-Bulk)</b> Chemicals NOI	Not Regulated - Not Dangerous Goods			
<b>ADR/RID (International Road/Rail)</b> Environmentally Hazardous Substance, Liquid, n.o.s.	9	III		UN3082
<b>IATA (Air Cargo)</b> Environmentally Hazardous Substance, Liquid, n.o.s.	9	III		UN3082
<b>IMDG (Sea)</b> Environmentally Hazardous Substance, Liquid, n.o.s.	9	III		UN3082

## 15. Regulatory Information

### U.S. Federal Regulations

**TSCA (Toxic Substance Control Act)** All components of the substance/mixture are listed or exempt  
**40 CFR(EPCRA, SARA, CERCLA and CAA)** This product contains NO components of concern.

### U.S. State Regulations

**California Proposition 65 Warning** No Warning required

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## Canadian Regulations

DSL

100.00% of the components are listed or exempt.

## 16. Other Information

### GHS H-Statements referred to under section 3 and not listed in section 2

H303 : May be harmful if swallowed

H317 : May cause an allergic skin reaction

H319 : Causes serious eye irritation

H402 : Harmful to aquatic life

H412 : Harmful to aquatic life with long lasting effects

H315 : Causes skin irritation

H318 : Causes serious eye damage

H401 : Toxic to aquatic life

H410 : Very toxic to aquatic life with long lasting effects

### Total Fractional Values

(TFV) Risk

(15.53) Aquatic Chronic Toxicity, Category 3

(6.98) Eye Damage/Eye Irritation, Category 2A

(5.80) Sensitization, Skin, Category 1B

(1.84) Target Organ Systemic Toxicity - Single Exposure, Category 3-RI

(1.67) Reproductive Toxicology, Category 2

(1.09) Acute Toxicity Oral, Category 4

(1.06) Aquatic Acute Toxicity, Category 1

(TFV) Risk

(6.98) Eye Damage/Eye Irritation, Category 2

(6.55) Skin Corrosion/Irritation, Category 3

(1.96) Acute Toxicity Dermal, Category 5

(1.71) Aquatic Chronic Toxicity, Category 4

(1.49) Aquatic Chronic Toxicity, Category 2

(1.06) Acute Toxicity Inhalation, Category 4

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.