

# Safety Data Sheet

SDS v1 GHS / OSHA

Revised Date: 2019-08-01 00:00

Product: **Anise**  
Product#:   
SKU#: **an**

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

### 1.1 Product identifier

Trade Name: Anise

Product/Sales No:

### 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

Wellington Fragrance  
33306 Glendale St.  
Livonia, MI 48150 USA  
734-261-5531

### 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
Skin Corrosion/Irritation, Category 3	H316 : Causes mild skin irritation
Sensitization, Skin, Category 1B	H317 : May cause an allergic skin reaction
Germ Cell Mutagenicity, Category 2	H341 : Suspected of causing genetic defects
Carcinogenicity, Category 2	H351 : Suspected of causing cancer
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
Germ Cell Mutagenicity, Category 2	H341 : Suspected of causing genetic defects
Carcinogenicity, Category 2	H351 : Suspected of causing cancer

#### Classification Other

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

### 2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms



Signal Word: Warning

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## Hazard statements

H227 Combustible liquid  
H316 Causes mild skin irritation  
H317 May cause an allergic skin reaction  
H341 Suspected of causing genetic defects  
H351 Suspected of causing cancer  
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  
P235 Keep cool  
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:

P302 + P352 IF ON SKIN: Wash with soap and water  
P308 + P313 IF exposed or concerned: Get medical advice/attention  
P313 Get medical advice/attention  
P333 + P313 If skin irritation or a rash occurs: Get medical advice/attention  
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
4180-23-8 <i>trans-Anethole [(E)-Anethole]</i>	224-052-0	5 - 10 %	H303; H316; H317; H401
140-67-0 <i>benzen, 1-methoxy-4-(2-propenyl)-</i>	205-427-8	5 - 10 %	H227; H302; H316; H317; H341; H351; H402
5989-27-5 <i>Limonene</i>	227-813-5	2 - 5 %	H226; H304; H315; H317; H400; H410
6485-40-1 <i>l-Carvone</i>	229-352-5	2 - 5 %	H227; H313; H317; H401

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CAS# Ingredient	EC#	Conc. Range	GHS Classification
78-70-6 <i>Linalool</i>	201-134-4	2 - 5 %	H227; H303; H315; H317; H319; H402
80-56-8 <i>pinene</i>	201-291-9	1 - 2 %	H226; H302; H304; H315; H317; H400; H410
128-37-0 <i>Butylated hydroxytoluene</i>	204-881-4	1 - 2 %	H316; H400; H410
93-15-2 <i>Methyl Eugenol</i>	202-223-0	0.1 - 1.0 %	H302; H341; H351
515-69-5 <i>alpha bisabolol</i>	208-205-9	0.1 - 1.0 %	H317; H411

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) = 5.78

## 4. First Aid Measures

### 4.1 Description of first aid measures

**Inhalation:** Remove from exposure site to fresh air and keep at rest. Obtain medical advice.

**Eye Exposure:** Flush immediately with water for at least 15 minutes. Contact physician if symptoms persist.

**Skin Exposure:** Remove contaminated clothes. Wash thoroughly with water (and soap). Contact physician if symptoms persist.

**Ingestion:** Rinse mouth with water and obtain medical advice.

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

**Symptoms:** no data available

**Risks:** Refer to Section 2.2 "Hazard Statements"

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

**Treatment:** Refer to Section 2.2 "Response"

## 5. Fire-Fighting measures

### 5.1 Extinguishing media

**Suitable:** Carbon dioxide (CO<sub>2</sub>), Dry chemical, Foam

**Unsuitable:** Do not use a direct water jet on burning material

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

**During fire fighting:** Water may be ineffective

### 5.3 Advice for firefighters

**Further information:** 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.

### 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:

#### Component

128-37-0 *Butylated hydroxytoluene*

80-56-8 *pinene*

ACGIH TWA ppm	ACGIH STEL ppm	OSHA TWA ppm	OSHA STEL ppm
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2

20

**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

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<b>Color:</b>	Colorless to Nearly Colorless G0
<b>Viscosity:</b>	Liquid
<b>Freezing Point:</b>	Not determined
<b>Boiling Point:</b>	Not determined
<b>Melting Point:</b>	Not determined
<b>Flashpoint (CCCFP):</b>	175 F (79.44 C)
<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>	0.1149
<b>%VOC:</b>	0.11
<b>Specific Gravity @ 25 C:</b>	0.9650
<b>Density @ 25 C:</b>	0.9620
<b>Refractive Index @ 20 C:</b>	1.4935
<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>	Not classified - the classification criteria are not met
<b>Acute toxicity - Dermal - (Rabbit) mg/kg</b>	Not classified - the classification criteria are not met
<b>Acute toxicity - Inhalation - (Rat) mg/L/4hr</b>	Not classified - the classification criteria are not met
<b>Skin corrosion / irritation</b>	Not classified - the classification criteria are not met
<b>Serious eye damage / irritation</b>	Not classified - the classification criteria are not met
<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>	Suspected of causing genetic defects
<b>Carcinogenicity</b>	Suspected of causing cancer
<b>Reproductive toxicity</b>	Not classified - the classification criteria are not met

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<b>Specific target organ toxicity - single exposure</b>	Not classified - the classification criteria are not met
<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

## 12. Ecological Information

### 12.1 Toxicity

<b>Acute aquatic toxicity</b>	Not classified - the classification criteria are not met
<b>Chronic aquatic toxicity</b>	Toxic to aquatic life with long lasting effects
<b>Toxicity Data on soil</b>	no data available
<b>Toxicity on other organisms</b>	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 :  
5989-27-5 : (2 - 5 %) : Limonene

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

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## 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 the following components:  
6422-86-2 229-176-9 60 - 70 % Dioctyl Tere Phthalate (DOTP)

### U.S. State Regulations

**California Proposition 65 Warning** This product contains the following components:  
117-81-7 204-211-0 60 - 70 % Diethyl Hexyl Phthalate  
140-67-0 205-427-8 5 - 10 % Estragole (Methyl chavicol) (Natural Source)  
93-15-2 202-223-0 0.1 - 1.0 % Methyl Eugenol (Natural Source)

### 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

H226 : Flammable liquid and vapour	H302 : Harmful if swallowed
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
H317 : May cause an allergic skin reaction	H319 : Causes serious eye irritation
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

### Total Fractional Values

(TFV) Risk	(TFV) Risk
(27.17) Aquatic Chronic Toxicity, Category 3	(8.15) Sensitization, Skin, Category 1B
(6.93) Carcinogenicity, Category 2	(6.93) Germ Cell Mutagenicity, Category 2
(2.72) Aquatic Chronic Toxicity, Category 2	(2.51) Skin Corrosion/Irritation, Category 3
(1.14) Sensitization, Skin, Category 1	

### Remarks

This safety data sheet is based on the properties of the material known to Wellington Fragrance at the time the data sheet was issued. The safety data sheet is intended to provide information for a health and safety assessment of the material and the circumstances, under which it is packaged, stored or applied in the workplace. For such a safety assessment Wellington Fragrance holds no responsibility. This document is not intended for quality assurance purposes.

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