

Safety Data Sheet

SDS Type: GHS / OSHA

DOC ID: 41189.248319.347101

Product: **Allspice**
Product#:
SKU#: **al**

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

1.1 Product identifier

Trade Name: Allspice

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 Fax 734-261-5571
wellingtonfragrance.com

1.4 Emergency telephone number

(800) 255-3924 Domestic USA, Canada, Puerto Rico, and US Virgin Islands
+1 813 248-0585 International (CHEMTEL #MIS 0000533)

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 Regulation (EC) No 1272/2008

Aquatic Acute Toxicity, Category 2	:
Sensitization, Skin, Category 1A	H317: May cause an allergic skin reaction
Acute Toxicity Inhalation, Category 4	H332: Harmful if inhaled
Germ Cell Mutagenicity, Category 2	H341: Suspected of causing genetic defects
Carcinogenicity, Category 1B	H350: May cause cancer
Aquatic Chronic Toxicity, Category 3	H412: Harmful to aquatic life with long lasting effects

Classification OSHA (Provisions 1910.1200 of title 29)

Flammability	Class IIIB Combustible Liquid
Acute Dermal/Eye	12 : Causes moderate skin irritation. 15 : May cause eye irritation.
Acute Oral	3 : May be harmful if swallowed . 4 : Harmful if swallowed, can enter lungs and cause damage
Carcinogenicity	34 : This product has been classified as a carcinogen.
Genotoxicity	36 : Suspected of causing genetic defects
Reproductive/Developmental	38 : May damage fertility or the unborn child.
Sensitization/Allergic Response	31 : May cause allergic skin reaction.
Target Organ Effects	28 : Prolonged or repeated Dermal Exposure may cause damage to: kidneys, skin
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

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Signal Word: Danger, Warning

Hazard statements

H317 May cause an allergic skin reaction
H332 Harmful if inhaled
H341 Suspected of causing genetic defects
H350 May cause cancer
H412 Harmful 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
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:

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
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

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	OSHA Classification
117-81-7 <i>Diethyl Hexyl Phthalate</i>	204-211-0	> 80 %	H360	ACGIH, NTP, OSHA
8000-34-8 <i>Eugenia caryophyllus (Clove) leaf oil</i>	284-638-7	2 - 5 %	H303; H304; H313; H316; H319	12, 31, 36, 4
97-53-0 <i>Eugenol</i>	202-589-1	1 - 2 %	H303; H316; H317; H319	11, 15, 31

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CAS# Ingredient	EC#	Conc. Range	GHS Classification	OSHA Classification
120-51-4 <i>Benzyl Benzoate</i>	204-402-9	1 - 2 %	H302; H313; H411	28, 3
8015-91-6 <i>Cinnamomum Zeylanicum (Cinnamon Leaf Oil), ext.</i>	283-479-0	1 - 2 %	H227; H303; H313; H316; H319; H341; H350; H412	11, 15, 31
8006-78-8 <i>Pimenta acris (Bay) leaf oil</i>	285-385-5	1 - 2 %	H226; H302; H304; H316; H319; H341; H351; H411	
101-39-3 <i>alpha-Methylcinnamaldehyde</i>	202-938-8	1 - 2 %	H303	31
8006-77-7 <i>Allspice oil (Pimenta officinalis Lindl.)</i>	284-540-4	0.1 - 1.0 %	H303; H304; H313; H316; H319; H341; H351; H412	
104-55-2 <i>Cinnamal</i>	203-213-9	0.1 - 1.0 %	H303; H312; H315; H317; H319	10, 12, 16, 26, 31, 36
8008-45-5 <i>Myristica fragrans (Nutmeg) kernel oil</i>	282-013-3	0.1 - 1.0 %	H226; H304; H315; H317; H341; H350; H410	11, 15
93-15-2 <i>Methyl eugenol (NFS)</i>	202-223-0	0.1 - 1.0 %	H302; H341; H351	26, 3, 34, 37, 39, NTP

See Section 16 for full text of GHS classification codes

Total Hydrocarbon Content (% w/w) = 0.34

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"
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5. Fire-Fighting measures

5.1 Extinguishing media

Suitable:	Carbon dioxide (CO2), 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
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5.3 Advice for firefighters

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Further information: Standard procedure for chemical fires

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 plastic and 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: Conforms to Standard

Odor: Conforms to Standard

Color: Tint to Pale Yellow

Viscosity: Liquid

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Freezing Point:	Not determined
Boiling Point:	Not determined
Melting Point:	Not determined
Flashpoint:	>200 F (93.33 C)
Auto flammability:	Not determined
Explosive Properties:	None Expected
Oxidizing properties:	None Expected
Vapor Pressure (mmHg@20 C):	0.0096
%VOC:	0.268
Specific Gravity @ 25 C:	0.9895
Density @ 25 C:	0.9865
Refractive Index @ 25 C:	1.4955
Soluble in:	Oil

10. Stability and Reactivity

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

11. Toxicological Information

11.1 Toxicological Effects

Acute toxicity - Oral	(LD50: 5,169.22) Not classified - the classification criteria are not met
Acute toxicity - Dermal	(LD50: 12,538.63) Not classified - the classification criteria are not met
Acute toxicity - Inhalation	(LC50: 11.37) Harmful if inhaled
Skin corrosion / irritation	Not classified - the classification criteria are not met
Serious eye damage / irritation	Not classified - the classification criteria are not met
Respiratory sensitization	Not classified - the classification criteria are not met
Skin sensitization	May cause an allergic skin reaction
Germ cell mutagenicity	Suspected of causing genetic defects
Carcinogenicity	May cause cancer
Reproductive toxicity	Not classified - the classification criteria are not met
Specific target organ toxicity - single exposure	Not classified - the classification criteria are not met
Specific target organ toxicity - repeated exposure	Not classified - the classification criteria are not met

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Aspiration hazard

Not classified - the classification criteria are not met

12. Ecological Information

12.1 Toxicity

Acute aquatic toxicity

Chronic aquatic toxicity

Harmful 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

Regulator	Class	Pack Group	Sub Risk	UN-nr.
U.S. DOT (Non-Bulk) Chemicals NOI	Not Regulated	Not Dangerous Goods		
ADR/RID (International Road/Rail) Chemicals NOI	Not Regulated	Not Dangerous Goods		
IATA (Air Cargo) Chemicals NOI	Not Regulated	Not Dangerous Goods		
IMDG (Sea) Chemicals NOI	Not Regulated	Not Dangerous Goods		

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 > 80 % Diethyl Tere Phthalate (DOTP)

U.S. State Regulations:

California Proposition 65 Warning This product contains the following components:
117-81-7 204-211-0 > 80 % Diethyl Hexyl Phthalate

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94-59-7	202-345-4	0.01 - 0.1%	Safrole (NFS)
93-15-2	202-223-0	0.1 - 1.0 %	Methyl eugenol (NFS)

Canadian Regulations:

DSL / NDSL

100.00% of the components are listed or exempt.

16. Other Information

GHS H-Statements referred to under section 3

H226 : Flammable liquid and vapour

H302 : Harmful if swallowed

H304 : May be fatal if swallowed and enters airways

H313 : May be harmful in contact with skin

H316 : Causes mild skin irritation

H319 : Causes serious eye irritation

H350 : May cause cancer

H360 : May damage fertility or the unborn child

H411 : Toxic to aquatic life with long lasting effects

H227 : Combustible liquid

H303 : May be harmful if swallowed

H312 : Harmful in contact with skin

H315 : Causes skin irritation

H317 : May cause an allergic skin reaction

H341 : Suspected of causing genetic defects

H351 : Suspected of causing cancer

H410 : Very toxic to aquatic life with long lasting effects

H412 : Harmful to aquatic life with long lasting effects

Total Fractional Values

(TFV) Risk

(1.26) Aquatic Acute Toxicity, Category 2

(1.63) Germ Cell Mutagenicity, Category 2

(2.44) Aquatic Chronic Toxicity, Category 3

(TFV) Risk

(6.50) Sensitization, Skin, Category 1A

(16.25) Carcinogenicity, Category 1B

Department issuing data sheet:

Department E-mail address:

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 holds no responsibility. This document is not intended for quality assurance purposes.