



2580 Milford Square Pike
Quakertown, PA 18951 USA
215-538-8552 FAX 215-538-8175
<http://www.candlesandsupplies.net>

Safety Data Sheet

SDS Type: GHS / OSHA

DOC ID: 42632.701126.11936622

Product: **Black Pepper Cardamom**
Product#: **5275219**
SKU#: **SC-BPC**

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

1.1 Product identifier

Trade Name: Black Pepper Cardamom

Product/Sales No: 5275219

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

Manufacturer: Candles and Supplies
2580 Milford Square Pike
Quakertown, PA 18951 USA
215-538-8552 FAX 215-538-8175
<http://www.candlesandsupplies.net>

1.4 Emergency telephone number

(800) 819-6118 Domestic USA, Canada, Puerto Rico, and US Virgin Islands

+1 215-538-8552 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 and (EC) No 1272/2008 (CLP)

Acute Toxicity Oral, Category 5	H303: May be harmful if swallowed
Skin Corrosion/Irritation, Category 2	H315: Causes 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 5	H333: May be harmful if inhaled
Aquatic Chronic Toxicity, Category 2	H411: Toxic 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 skin irritation. 16 : Causes eye irritation.
Acute Inhalation	23 : May cause respiratory tract irritation. 25 : Inhalation at high levels may cause: tremors, labored breathing, hypothermia, lethargy, ataxia.
Acute Oral	3 : May be harmful if swallowed .
Reproductive/Developmental	39 : Causes reproductive/developmental toxicity in animals.
Sensitization/Allergic Response	31 : May cause allergic skin reaction.
Target Organ Effects	26 : Prolonged or repeated ingestion may cause damage to: kidneys, liver, stomach, brain, tongue, mucous membranes, musculo-skeletal system. 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 [X] ACGIH [] IARC [] NTP [] OSHA []

2.2 Label elements



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Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms



Signal Word: **Warning**

Hazard statements

H303	May be harmful if swallowed
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H333	May be harmful if inhaled
H411	Toxic to aquatic life with long lasting effects

Precautionary Statements

Prevention:

P264	Wash hands thoroughly after handling
P272	Contaminated work clothing should not be allowed out of the workplace
P273	Avoid release to the environment

Response:

P302 + P352	IF ON SKIN: Wash with soap and water
P304 + P312	IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes Remove contact lenses if present and easy to do. continue rinsing
P312	Call a POISON CENTER or doctor/physician if you feel unwell
P333 + P313	If skin irritation or a rash occurs: Get medical advice/attention
P337 + P313	If eye irritation persists: Get medical advice/attention
P362	Take off contaminated clothing and wash before reuse
P363	Wash contaminated clothing before reuse
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	OSHA Classification
101-86-0 <i>Hexyl cinnamaldehyde</i>	202-983-3	5 - 10 %	H303; H316; H317; H400; H411	11, 15



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CAS#	EC#	Conc. Range	GHS Classification	OSHA Classification
Ingredient				
54464-57-2 <i>Tetramethyl Acetyloctahydronaphthalenes</i>	259-174-3	5 - 10 %	H315; H317; H400; H410	11, 31
8007-35-0 <i>Terpineol acetate</i>	232-357-5	5 - 10 %	H316; H401; H411	11
78-70-6 <i>Linalool</i>	201-134-4	2 - 5 %	H227; H303; H315; H317; H319; H402	12, 26
120-51-4 <i>Benzyl Benzoate</i>	204-402-9	2 - 5 %	H302; H313; H400; H411	28, 3
24851-98-7 <i>Methyl dihydrojasmonate</i>	246-495-9	2 - 5 %	H402	
28219-61-6 <i>Ethyl trimethylcyclopentene butenol</i>	248-908-8	1 - 2 %	H319; H400; H410	11, 15, 31
140-11-4 <i>Benzyl acetate</i>	205-399-7	1 - 2 %	H303; H316; H401; H412	15, 25, 26, 31, 39
105-95-3 <i>Ethylene brassylate</i>	203-347-8	1 - 2 %	H401	11, 15
98-55-5 <i>alpha-Terpineol</i>	202-680-6	1 - 2 %	H227; H303; H315; H319; H401	11, 15, 23
115-95-7 <i>Linalyl acetate</i>	204-116-4	1 - 2 %	H227; H315; H319; H402	
104-54-1 <i>Cinnamyl Alcohol</i>	203-212-3	1 - 2 %	H303; H317	11, 15, 31
97-53-0 <i>Eugenol</i>	202-589-1	1 - 2 %	H303; H316; H317; H319; H401	11, 15, 31
1222-05-5 <i>Hexamethylindanopyran</i>	214-946-9	1 - 2 %	H316; H400; H410	11, 15
470-82-6 <i>Eucalyptol</i>	207-431-5	0.1 - 1.0 %	H226; H303; H316; H317	26, 27, 3
87-44-5 <i>beta-Caryophyllene</i>	201-746-1	0.1 - 1.0 %	H304; H316; H317	31, 4
106-22-9 <i>Citronellol</i>	203-375-0	0.1 - 1.0 %	H303; H313; H315; H317; H319; H401	11, 15
91-64-5 <i>Coumarin</i>	202-086-7	0.1 - 1.0 %	H302; H317; H402	12, 15, 2, 26, 31, 9
32388-55-9 <i>Acetyl cedrene</i>	251-020-3	0.1 - 1.0 %	H316; H317; H400; H410	16, 19
106-24-1 <i>Geraniol</i>	203-377-1	0.1 - 1.0 %	H303; H315; H317; H318; H402	11, 15, 31
106-25-2 <i>Nerol</i>	203-378-7	0.1 - 1.0 %	H303; H315; H317; H318; H401	15
141-12-8 <i>Neryl acetate</i>	205-459-2	0.1 - 1.0 %	H315; H317; H401; H412	



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CAS#	EC#	Conc. Range	GHS Classification	OSHA Classification
80-56-8 <i>a-Pinene</i>	201-291-9	0.1 - 1.0 %	H226; H303; H304; H315; H317; H400; H410	11, 15, 25
107-75-5 <i>Hydroxycitronellal</i>	203-518-7	0.1 - 1.0 %	H317; H319; H402	11, 15, 31
120-57-0 <i>Piperonal</i>	204-409-7	0.1 - 1.0 %	H303; H317; H401	31

See Section 16 for full text of GHS classification codes

Total Hydrocarbon Content (% w/w) = 1.51

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 (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

5.3 Advice for firefighters

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.



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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:

Component		ACGIH	ACGIH	OSHA	OSHA
		TWA ppm	STEL ppm	TWA ppm	STEL ppm
140-11-4	<i>Benzyl acetate</i>	10			
80-56-8	<i>a-Pinene</i>	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: Conforms to Standard

Odor: Conforms to Standard

Color: Yellow Tint (G1)

Viscosity: Liquid

Freezing Point: Not determined

Boiling Point: Not determined

Melting Point: Not determined

Flashpoint (CCCFP): >200 F (93.33 C)

Auto flammability: Not determined



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Explosive Properties:	None Expected
Oxidizing properties:	None Expected
Vapor Pressure (mmHg@20 C):	0.0244
%VOC:	2.7652
Specific Gravity @ 25 C:	0.9440
Density @ 25 C:	0.9410
Refractive Index @ 20 C:	1.4710
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 Estimates (ATEs) based on the individual Ingredient Toxicity Data utilizing the "Additivity Formula"

Acute toxicity - Oral - (Rat) mg/kg	(LD50: 4,246.81) May be harmful if swallowed
Acute toxicity - Dermal - (Rabbit) mg/kg	(LD50: 5,438.36) Not classified - the classification criteria are not met
Acute toxicity - Inhalation - (Rat) mg/L/4hr	(LC50: 68.99) May be harmful if inhaled
Skin corrosion / irritation	Causes skin irritation
Serious eye damage / irritation	Causes serious eye irritation
Respiratory sensitization	Not classified - the classification criteria are not met
Skin sensitization	May cause an allergic skin reaction
Germ cell mutagenicity	Not classified - the classification criteria are not met
Carcinogenicity	Not classified - the classification criteria are not met
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
Aspiration hazard	Not classified - the classification criteria are not met



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12. Ecological Information

12.1 Toxicity

Acute aquatic toxicity	Not classified - the classification criteria are not met
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

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)				
Environmentally Hazardous Liquid, n.o.s.	Substance,	9	III	UN3082
IATA (Air Cargo)				
Environmentally Hazardous Liquid, n.o.s.	Substance,	9	III	UN3082
IMDG (Sea)				
Environmentally Hazardous Liquid, n.o.s.	Substance,	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	This product contains the following components:
123-35-3(NF 204-622-5 0.01 - 0.1%	beta-Myrcene (NFS)

Canadian Regulations:



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DSL / NDSL

100.00% of the components are listed or exempt.

16. Other Information

GHS H-Statements referred to under section 3

Total Fractional Values

(TFV) Risk

(1.47) Skin Corrosion/Irritation, Category 2

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

(TFV) Risk

(8.00) Sensitization, Skin, Category 1B

(4.77) Aquatic Chronic Toxicity, Category 2

Department issuing data sheet:

Regulatory Affairs Group

Department E-mail address:

info@candlesandsupplies.com

Remarks

This safety data sheet is based on the properties of the material known to Candles and Supplies 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 Candles and Supplies holds no responsibility. This document is not intended for quality assurance purposes.