



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: 42968.993928.11595178

Product: **Mulberry & Mistletoe**
Product#: **5076251**
SKU#: **SC-MMT**

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

1.1 Product identifier

Trade Name: Mulberry & Mistletoe

Product/Sales No: 5076251

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.com
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)

Flammable Liquids, Category 4	H227: Combustible liquid
Acute Toxicity Oral, Category 5	H303: May be harmful if swallowed
Acute Toxicity Dermal, Category 5	H313: May be harmful in contact with skin
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 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)

Flammability	Class IIIA Combustible Liquid
Acute Dermal/Eye	10 : May be harmful if absorbed through the skin. 12 : Causes moderate skin irritation. 16 : Causes eye irritation.
Acute Inhalation	23 : May cause respiratory tract irritation. 25 : Inhalation at high levels may cause: difficulty in breathing, tremors, labored breathing, hypothermia, lethargy, ataxia.
Acute Oral	2 : Harmful if swallowed
Genotoxicity	36 : Suspected of causing genetic defects
Reproductive/Developmental	39 : Causes reproductive/developmental toxicity in animals.
Sensitization/Allergic Response	31 : May cause allergic skin reaction.

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Target Organ Effects

26 : Prolonged or repeated ingestion may cause damage to: kidneys, adrenal glands, liver, thymus gland, stomach, gastrointestinal tract, testes, brain, tongue, mucous membranes, musculo-skeletal system, respiratory tract, male reproductive system.

Carcinogenicity

28 : Prolonged or repeated Dermal Exposure may cause damage to: kidneys, skin, testes
 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 |
| H303 | May be harmful if swallowed |
| H313 | May be harmful in contact with skin |
| H315 | Causes skin irritation |
| H317 | May cause an allergic skin reaction |
| H319 | Causes serious eye irritation |
| H333 | May be harmful if inhaled |
| H400 | Very Toxic to aquatic life |
| H411 | Toxic to aquatic life with long lasting effects |

Precautionary Statements

Prevention:

- | | |
|------|---|
| P235 | Keep cool |
| 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 |
| 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



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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
120-51-4 <i>Benzyl Benzoate</i>	204-402-9	20 - 30 %	H302; H313; H400; H411	28, 3
706-14-9 <i>gamma-Decalactone</i>	211-892-8	2 - 5 %	H316	
5392-40-5 <i>Citral</i>	226-394-6	2 - 5 %	H313; H315; H317; H319; H401	26
93-92-5 <i>methylbenzyl acetate</i>	202-288-5	2 - 5 %	H227; H402	
78-70-6 <i>Linalool</i>	201-134-4	2 - 5 %	H227; H303; H315; H317; H319; H402	12, 26
140-11-4 <i>Benzyl acetate</i>	205-399-7	2 - 5 %	H303; H316; H401; H412	15, 25, 26, 31, 39
134-20-3 <i>Methyl anthranilate</i>	205-132-4	2 - 5 %	H303; H316; H319; H401; H402	11, 15
88-41-5 <i>2-t-Butylcyclohexyl acetate</i>	201-828-7	1 - 2 %	H227; H303; H316; H401; H411	12, 2
77-83-8 <i>Ethyl methylphenylglycidate</i>	201-061-8	1 - 2 %	H317; H401; H411	11, 15
8008-57-9 <i>Citrus aurantium dulcis (Orange) oil</i>	232-433-8	1 - 2 %	H226; H304; H315; H400; H410	12, 3, 31
142-92-7 <i>Hexyl acetate</i>	205-572-7	1 - 2 %	H226; H316; H401; H411	
93-18-5 <i>beta-Naphthyl ethyl ether (Nerolin Bromelia)</i>	202-226-7	1 - 2 %	H303; H315; H401; H411	11, 15
100-52-7 <i>Benzaldehyde</i>	202-860-4	1 - 2 %	H227; H302; H316; H319; H332; H335; H401	10, 11, 15, 23, 25, 26, 3, 31, 36, 39
105-54-4 <i>Ethyl butyrate</i>	203-306-4	1 - 2 %	H226; H401	11
5989-27-5 <i>Limonene</i>	227-813-5	1 - 2 %	H226; H304; H315; H317; H400; H410	11, 15, 23
80-54-6 <i>Butylphenyl Methylpropional</i>	201-289-8	1 - 2 %	H227; H302; H315; H317; H361; H401; H411	11, 15, 26, 28, 3, 31, 39
10094-34-5 <i>a ,a-Dimethylphenethyl butyrate</i>	233-221-8	1 - 2 %	H401; H411	11, 15



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CAS# Ingredient	EC#	Conc. Range	GHS Classification	OSHA Classification
106-24-1 <i>Geraniol</i>	203-377-1	0.1 - 1.0 %	H303; H315; H317; H318; H402	11, 15, 31
68737-61-1 <i>Dimethyltetrahydro Benzaldehyde</i>	272-113-5	0.1 - 1.0 %	H227; H303; H313; H315; H317; H401; H411	12, 15, 31
101-86-0 <i>Hexyl cinnamaldehyde</i>	202-983-3	0.1 - 1.0 %	H303; H316; H317; H400; H411	11, 15
106-25-2 <i>Nerol</i>	203-378-7	0.1 - 1.0 %	H303; H315; H317; H318; H401	15
8016-20-4 <i>Citrus grandis peel oil</i>	289-904-6	0.1 - 1.0 %	H226; H304; H315; H317; H400; H410	12, 3, 31
103-26-4 <i>Methyl cinnamate</i>	203-093-8	0.1 - 1.0 %	H303; H317	
68647-72-3 <i>Limonene</i>	232-433-8	0.1 - 1.0 %	H226; H304; H315; H317; H400; H410	12, 3, 31
23726-91-2 <i>(2E)-1-(2,6,6-Trimethyl-1-cyclohexen-1-yl)-2-buten-1-one</i>	245-842-1	0.1 - 1.0 %	H303; H315; H317; H401; H411	11, 31
68039-69-0 <i>1-Cyclohexylethyl 2-butenate</i>	268-276-7	0.1 - 1.0 %	H316; H317	

See Section 16 for full text of GHS classification codes

Total Hydrocarbon Content (% w/w) = 3.74

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



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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.
- 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

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.



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9. Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Appearance:	Conforms to Standard
Odor:	Conforms to Standard
Color:	Yellow (G2-5)
Viscosity:	Liquid
Freezing Point:	Not determined
Boiling Point:	Not determined
Melting Point:	Not determined
Flashpoint (CCCFP):	168 F (75.56 C)
Auto flammability:	Not determined
Explosive Properties:	None Expected
Oxidizing properties:	None Expected
Vapor Pressure (mmHg@ 20C):	0.2831
%VOC:	12.9838
Specific Gravity @ 25 C:	0.9850
Density @ 25 C:	0.9820
Refractive Index @ 20C:	1.4920
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: 2,699.27) May be harmful if swallowed
Acute toxicity - Dermal - (Rabbit) mg/kg	(LD50: 4,341.26) May be harmful in contact with skin
Acute toxicity - Inhalation - (Rat) mg/L/4hr	(LC50: 62.79) 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



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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

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

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



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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
40CFR(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:

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	(TFV) Risk
(1.36) Skin Corrosion/Irritation, Category 2	(2.32) Sensitization, Skin, Category 1B
(2.47) Eye Damage/Eye Irritation, Category 2A	(1.32) Aquatic Acute Toxicity, Category 1
(3.08) 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.