

7820 E. Pleasant Valley Road
 Independence, OH 44131
 (800) 908-7028
 www.crafters-choice.com

Safety Data Sheet

Crafter's Choice™ Tangerine & Berry Spice Fragrance Oil

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

1.1 Product identifier

Product Name: Crafter's Choice™ Tangerine & Berry Spice Fragrance Oil

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

Crafter's Choice Brands, LLC
 7820 E. Pleasant Valley Road
 Independence, Ohio 44131
 Phone: 1-800-908-7028
 www.Crafters-Choice.com

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 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 1A	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
Carcinogenicity, Category 1B	H350: May cause cancer
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.
Acute Oral	2 : Harmful if swallowed 4 : Harmful if swallowed, can enter lungs and cause damage
Genotoxicity	36 : Suspected of causing genetic defects
Sensitization/Allergic Response	31 : May cause allergic skin reaction.
Target Organ Effects	26 : Prolonged or repeated ingestion may cause damage to: kidneys, liver, stomach, nasal cavity. 28 : Prolonged or repeated Dermal Exposure may cause damage to: kidneys, skin

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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: Danger

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
H350	May cause 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
P264	Wash hands thoroughly after handling
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	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
P308 + P313	IF exposed or concerned: Get medical advice/attention
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

no data available

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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
125-12-2 <i>Isobornyl acetate</i>	204-727-6	20 - 30 %	H227; H316; H401	11, 15
101-39-3 <i>alpha-Methylcinnamaldehyde</i>	202-938-8	5 - 10 %	H303; H317; H401	31
32210-23-4 <i>4-tert-Butylcyclohexyl acetate</i>	250-954-9	5 - 10 %	H303; H317; H401	11, 15
120-51-4 <i>Benzyl Benzoate</i>	204-402-9	5 - 10 %	H302; H313; H400; H411	28, 3
77-83-8 <i>Ethyl methylphenylglycidate</i>	201-061-8	5 - 10 %	H317; H401; H411	11, 15
5471-51-2 <i>4-(p-Hydroxyphenyl)-2-butanone (p-Hydroxybenzyl acetone)</i>	226-806-4	2 - 5 %	H402	2
4940-11-8 <i>Ethyl maltol</i>	225-582-5	2 - 5 %	H302	2
112-31-2 <i>Decanal</i>	203-957-4	2 - 5 %	H227; H316; H319; H401; H412	11, 15
58567-11-6 <i>Formaldehyde cyclododecyl ethyl acetal</i>	261-332-1	2 - 5 %	H315; H317; H401; H411	12
1885-38-7 <i>Cinnamyl nitrile</i>	217-552-5	2 - 5 %	H301; H312; H316; H317	3, 31
88-41-5 <i>2-t-Butylcyclohexyl acetate</i>	201-828-7	2 - 5 %	H227; H303; H316; H401; H411	12, 2
105-53-3 <i>Diethyl malonate</i>	203-305-9	2 - 5 %	H227; H319; H402	
128-37-0 <i>Butylated hydroxytoluene</i>	204-881-4	1 - 2 %	H316; H400; H410	
706-14-9 <i>gamma-Decalactone</i>	211-892-8	1 - 2 %	H316	
78-70-6 <i>Linalool</i>	201-134-4	1 - 2 %	H227; H303; H315; H317; H319; H402	12, 26
104-55-2 <i>Cinnamal</i>	203-213-9	1 - 2 %	H303; H312; H315; H317; H319; H401	10, 12, 16, 26, 31, 36
2705-87-5 <i>Allyl cyclohexylpropionate</i>	220-292-5	1 - 2 %	H302; H312; H317; H332; H400; H410	10, 12, 15, 3
8000-34-8 <i>Eugenia caryophyllus (Clove) leaf oil</i>	284-638-7	1 - 2 %	H303; H304; H313; H316; H319; H401	12, 31, 36, 4

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CAS# Ingredient	EC#	Conc. Range	GHS Classification	OSHA Classification
68737-61-1 <i>Dimethyltetrahydro Benzaldehyde</i>	272-113-5	1 - 2 %	H227; H303; H313; H315; H317; H401; H411	12, 15, 31
68917-33-9 <i>Citrus Limon Peel Oil Terpenes</i>	284-515-8	1 - 2 %	H226; H304; H315; H400; H410	12, 3, 31
141-97-9 <i>Ethyl acetoacetate</i>	205-516-1	1 - 2 %	H227	
1222-05-5 <i>Hexamethylindanopyran</i>	214-946-9	1 - 2 %	H316; H400; H410	11, 15
121-32-4 <i>Ethyl vanillin</i>	204-464-7	1 - 2 %	H303; H320; H402	
5989-27-5 <i>Limonene</i>	227-813-5	1 - 2 %	H226; H304; H315; H317; H400; H410	11, 15, 23
68647-72-3 <i>Limonene</i>	232-433-8	0.1 - 1.0 %	H226; H304; H315; H317; H400; H410	12, 3, 31
110-41-8 <i>2-Methylundecanal</i>	203-765-0	0.1 - 1.0 %	H227; H315; H317; H402; H410	
8015-91-6 <i>Oil Cinnamon Leaf Ceylon</i>	283-479-0	0.1 - 1.0 %	H227; H303; H313; H316; H319; H341; H350; H401; H412	11, 15, 31
5392-40-5 <i>Citral</i>	226-394-6	0.1 - 1.0 %	H313; H315; H317; H319; H401	26
54464-57-2 <i>Tetramethyl Acetyloctahydronaphthalenes</i>	259-174-3	0.1 - 1.0 %	H315; H317; H400; H410	11, 31
127-91-3 <i>β-Pinene</i>	204-872-5	0.1 - 1.0 %	H226; H304; H315; H317; H400; H410	11, 15, 24, 25, 31
112-54-9 <i>Lauric aldehyde</i>	203-983-6	0.1 - 1.0 %	H315; H317; H319	
4180-23-8 <i>trans-Anethole [(E)-Anethole]</i>	224-052-0	0.1 - 1.0 %	H303; H316; H317; H401	11, 15
106-23-0 <i>Citronellal</i>	203-376-6	0.1 - 1.0 %	H227; H303; H313; H315; H317; H319; H401	11, 15
6485-40-1 <i>I-Carvone</i>	229-352-5	0.1 - 1.0 %	H227; H313; H317; H401	11, 15
6259-76-3 <i>Hexyl salicylate</i>	228-408-6	0.1 - 1.0 %	H315; H317; H319; H400; H410	11, 15

See Section 16 for full text of GHS classification codes

Total Hydrocarbon Content (% w/w) = 4.16

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.

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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.

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

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8. Exposure Controls/Personal Protection

8.1 Control parameters

Exposure Limits:

Component	ACGIH TWA ppm	ACGIH STEL ppm	OSHA TWA ppm	OSHA STEL ppm
128-37-0 <i>Butylated hydroxytoluene</i>		2		
127-91-3 <i>β-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:	Conforms to standard
Viscosity:	Liquid
Freezing Point:	Not determined
Boiling Point:	Not determined
Melting Point:	Not determined
Flashpoint (CCCFP):	172 F (77.78 C)
Auto flammability:	Not determined
Explosive Properties:	None Expected
Oxidizing properties:	None Expected
Vapor Pressure (mmHg@20 C):	0.2751
%VOC:	12.8209
Specific Gravity @ 25 C:	Not determined
Density @ 25 C:	Not determined
Refractive Index @ 20 C:	Not determined
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

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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: 2,339.84) May be harmful if swallowed
Acute toxicity - Dermal - (Rabbit) mg/kg	(LD50: 3,576.38) May be harmful in contact with skin
Acute toxicity - Inhalation - (Rat) mg/L/4hr	(LC50: 38.25) 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	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
Aspiration hazard	Not classified - the classification criteria are not met

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.

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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:

94-59-7	202-345-4	<= 47 ppm	Safrole (NFS)
93-15-2	202-223-0	<= 20 ppm	Methyl Eugenol (NFS)
123-35-3(NF)	204-622-5	0.01 - 0.1%	beta-Myrcene (NFS)

Canadian Regulations:

DSL / NDSL 99.59% of the components are listed or exempt.
 129520-41-8 407-562-0 0.1 - 1.0 % 4,7-methano-3aH-indene-3a-carboxylic acid, octahydro-, ethyl ester

16. Other Information

GHS H-Statements referred to under section 3

Total Fractional Values

(TFV) Risk	(TFV) Risk
(1.37) Skin Corrosion/Irritation, Category 2	(16.00) Sensitization, Skin, Category 1A
(1.35) Eye Damage/Eye Irritation, Category 2A	(3.95) Carcinogenicity, Category 1B
(4.41) Aquatic Chronic Toxicity, Category 2	

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Remarks

This safety data sheet is based on the properties of the material known to Crafter's Choice™ 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 Crafter's Choice™ holds no responsibility. This document is not intended for quality assurance purposes.