

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

Crafter's Choice™ Tangerine Fragrance Oil

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

1.1 Product identifier

Crafter's Choice™ Tangerine 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 (ChemTel - MIS3548100)

(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 Regulation (EC) No 1272/2008

| | |
|---------------------------------------|------------------------------------------------------------|
| Flammable Liquids, Category 4 | H227: Combustible liquid |
| Acute Toxicity Oral, Category 5 | H303: May be harmful if swallowed |
| Aspiration Hazard, Category 1 | H304: May be fatal if swallowed and enters airways |
| Skin Corrosion/Irritation, Category 2 | H315: Causes skin irritation |
| Sensitization, Skin, Category 1B | H317: May cause an allergic skin reaction |
| Acute Toxicity Inhalation, Category 5 | H333: May be harmful if inhaled |
| Aquatic Chronic Toxicity, Category 1 | H410: Very toxic to aquatic life with long lasting effects |

Classification OSHA (Provisions 1910.1200 of title 29)

| | |
|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| Flammability | Class IIIA Combustible Liquid |
| Acute Dermal/Eye | 12 : Causes 16 : Causes |
| Acute Oral | 3 : May be harmful if swallowed or if aspirated into the lungs |
| Reproductive/Developmental | 39 : Causes reproductive/developmental |
| Sensitization/Allergic Response | 31 : May cause allergic skin reaction. |
| 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

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Signal Word: Danger

Hazard Statements

- H227 Combustible liquid
- H303 May be harmful if swallowed
- H304 May be fatal if swallowed and enters airways
- H315 Causes skin irritation
- H317 May cause an allergic skin reaction
- H333 May be harmful if inhaled
- H410 Very 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:

- P301 + P310 + P331 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician Do NOT induce vomiting
- 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
- 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
- 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

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 |
|----------------------------------------------------|-----------|----------------|------------------------------|---------------------|
| 8008-26-2 <i>Citrus aurantifolia (Lime) oil</i> | 290-010-3 | 20 - 30 % | H226; H304; H315; H400; H410 | 12, 3, 31 |

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| CAS# Ingredient | EC# | Conc. Range | GHS Classification | OSHA Classification |
|-----------------------------------------------|-----------|----------------|------------------------------------|---------------------|
| 112-31-2 <i>Decanal</i> | 203-957-4 | 2 - 5 % | H227; H319; H401; H412 | 11, 15 |
| 101-86-0 <i>Hexyl cinnamaldehyde</i> | 202-983-3 | 2 - 5 % | H303; H316; H317; H400; H411 | 11, 15 |
| 14901-07-6 <i>beta-Ionone</i> | 238-969-9 | 1 - 2 % | H316; H401; H411 | 11, 39 |
| 124-13-0 <i>Octanal</i> | 204-683-8 | 1 - 2 % | H226; H315; H319; H401; H402; H411 | 11, 15 |
| 77-83-8 <i>Ethyl methylphenylglycidate</i> | 201-061-8 | 1 - 2 % | H317; H401; H411 | 11, 15 |
| 93-92-5 <i>methylbenzyl acetate</i> | 202-288-5 | 1 - 2 % | H227; H401 | |

See Section 16 for full text of GHS classification codes

Total Hydrocarbon Content (% w/w) = 28.47

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 ₂), 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 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: Yellow (G3-5) to Orange (G11)

Viscosity: Liquid

Freezing Point: Not determined

Boiling Point: Not determined

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| | |
|------------------------------------|-----------------|
| Melting Point: | Not determined |
| Flashpoint (CCCFP): | 145 F (62.78 C) |
| Auto flammability: | Not determined |
| Explosive Properties: | None Expected |
| Oxidizing properties: | None Expected |
| Vapor Pressure (mmHg@20 C): | 0.2952 |
| %VOC: | 32.84 |
| Specific Gravity @ 25 C: | 0.8990 |
| Density @ 25 C: | 0.8960 |
| Refractive Index @ 20 C: | 1.4590 |
| 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: 4,209.75) May be harmful if swallowed |
| Acute toxicity - Dermal - (Rabbit) mg/kg | (LD50: 5,612.99) Not classified - the classification criteria are not met |
| Acute toxicity - Inhalation - (Rat) mg/L/4hr | (LC50: 43.24) May be harmful if inhaled |
| Skin corrosion / irritation | Causes skin irritation |
| 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 | 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 | May be fatal if swallowed and enters airways |

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12. Ecological Information

12.1 Toxicity

| | |
|------------------------------------|----------------------------------------------------------|
| Acute aquatic toxicity | Not classified - the classification criteria are not met |
| Chronic aquatic toxicity | Very 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 0.1 - 1.0 % 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

(2.97) Aspiration Hazard, Category 1

(2.27) Sensitization, Skin, Category 1B

(TFV) Risk

(3.26) Skin Corrosion/Irritation, Category 2

(1.19) Aquatic Chronic Toxicity, Category 1

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.