

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

Crafter's Choice™ Caramel Apple - Sweetened Flavor Oil

1. Identification

Product Name: Crafter's Choice™ Caramel Apple - Sweetened Flavor Oil

Recommended Use: Flavor for Manufacturing use only

Supplied by: Crafter's Choice Brands, LLC
 7820 E. Pleasant Valley Road
 Independence, OH 44131
 (800) 908-7028
www.crafters-choice.com

In Case of Emergency: ChemTel
 (800) 255-3924 Domestic USA, Canada, Puerto Rico and USVI
 +1 813 248-0585 International

2. Hazards Identification

GHS Classification

Flam. Liq. 4

Symbol(s) of Product

No GHS Symbols Exist

Signal Word: Warning

GHS Hazard Statements

Flammable Liquid, category 4 H227 Combustible liquid

GHS Label Precautionary Statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P280 Wear protective gloves / protective clothing / eye protection / face protection.

3. Composition/Information on Ingredients

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Wt. %</u>	<u>GHS Symbols</u>	<u>GHS Statements</u>
Benzyl benzoate	120-51-4	2.5-10	GHS07	H302
Ethyl alcohol	64-17-5	0.1-1.0	GHS02	H225
Acetaldehyde	75-07-0	0.1-1.0	GHS02-GHS07-GHS08	H224-302-319-332-335-351
Benzaldehyde	100-52-7	<0.1	GHS07	H302-312
Butyric acid	107-92-6	<0.1	GHS05-GHS07	H302-314
Acetic acid	64-19-7	<0.1	GHS02-GHS05-GHS07	H226-312-314-332
Acetyl methyl carbinol	513-86-0	<0.1	GHS02	H226
2,3-Pentanedione	600-14-6	<0.1	GHS02-GHS05-GHS07-GHS08	H225-317-318-373
2-Francarboxaldehyde(Furfural)	98-01-1	<0.1	GHS06-GHS08	H301-315-319-331-335-351

The text for GHS Hazard Statements shown above (if any) is given in the "Other information" Section.

Additional GHS Statements:

2,3-Pentanedione: H313-303-316
 Acetic acid: H290-303-317-318-331-334-370
 Acetyl methyl carbinol: H315-319-335
 Benzaldehyde: H316
 Butyric acid: H311-318-371

Crafter's Choice™ Caramel Apple - Sweetened Flavor Oil

4. First Aid Measures

FIRST AID - INHALATION: Remove to fresh air and seek medical assistance if necessary.

FIRST AID - SKIN CONTACT: Remove contaminated clothing and shoes. Wash with mild soap and water. Seek medical attention if necessary.

FIRST AID - EYE CONTACT: Remove contact lenses. Flush eyes with cool water for at least 15 minutes. If irritation persists, seek medical attention.

FIRST AID – INGESTION: Rinse mouth. Do not induce vomiting. Drink water. Consult a physician.

5. Fire Fighting Measures

UNUSUAL FIRE AND EXPLOSION HAZARDS: None known.

SPECIAL FIREFIGHTING PROCEDURES: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

SUITABLE EXTINGUISHING MEDIA: Water spray/mist, Foam, Carbon Dioxide (CO₂), and Dry Chemical. Water may be used to cool off containers.

UNSUITABLE EXTINGUISHING MEDIA: Do not use a solid water stream as it may scatter and spread fire.

6. Accidental Release Measures

PRECAUTIONARY MEASURES: Ensure adequate ventilation. Use personal protective equipment. Evacuate personnel to safe areas. Remove all sources of ignition. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas. Avoid breathing vapors, mist or gas. For personal protection see section 8.

ENVIRONMENTAL MEASURES: Do not let product enter drains. Prevent further leakage or spillage if safe to do so.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP: Contain material. Collect using solid absorbent material and place into appropriate waste container for disposal according to local regulations (See section 13). Keep in suitable, closed containers for disposal.

7. Handling and Storage

HANDLING: For industrial use only. Use with adequate ventilation. Keep away from heat and flame.

STORAGE: Keep containers tightly closed in a dry, cool and well-ventilated place.

8. Exposure Controls/Personal Protection

RESPIRATORY PROTECTION: Proper ventilation, engineering controls, such as local exhaust ventilation, and if necessary, a NIOSH certified respirator with appropriate cartridges is highly recommended.

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

Crafter's Choice™ Caramel Apple - Sweetened Flavor Oil

SKIN PROTECTION: Chemical resistant gloves recommended.

EYE PROTECTION: Wear safety glasses with side shields or goggles.

HYGIENIC PRACTICES: Always observe good personal hygiene measures, such as washing your hands after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. Physical and Chemical Properties

Appearance:	Clear liquid	Physical State:	Liquid
Odor:	Conforms to standard	Odor Threshold:	Not Established
Specific Gravity (typical):	0.96	pH:	Not Measured
Freeze Point, °C:	Not Applicable	Viscosity:	Not Measured
Solubility in Water:	INSOLUBLE	Partition Coefficient, n-octanol/water:	Not Measured
Decomposition Temp, °C:	Not Measured	Explosive Limits, %:	Not Measured
Initial Boiling Point, °C:	36	Flash Point, °C / °F (Closed Cup):	64 / 148
Evaporation Rate:	Not Measured	Auto-Ignition Temperature, °C:	Not Measured
Vapor Density:	Not Measured	Vapor Pressure, mmHg:	Not Measured

10. Stability and Reactivity

STABILITY: Material is stable under normal conditions.

REACTIVITY: The product is non-reactive under normal conditions of use, storage, and transport.

CONDITIONS TO AVOID: Heat, flames and sparks. Extremes of temperature and direct sunlight.

INCOMPATIBILITY: Keep away from strong oxidizing agents, heat and open flames.

HAZARDOUS DECOMPOSITION PRODUCTS: When heated, may produce unpleasant fumes and/or smoke. Combustion may produce Carbon Monoxide and/or Carbon Dioxide.

POSSIBILITY OF HAZARDOUS REACTIONS: No dangerous reactions known under conditions of normal use.

11. Toxicological Information

EFFECT OF OVEREXPOSURE - INHALATION: No adverse effects due to inhalation are expected under normal use.

EFFECT OF OVEREXPOSURE - SKIN CONTACT: Not expected to cause skin problems under normal use conditions.

EFFECT OF OVEREXPOSURE - EYE CONTACT: Not expected to cause eye problems under normal use conditions.

EFFECT OF OVEREXPOSURE - INGESTION: Under normal use conditions, this product is not expected to cause adverse health effects.

CARCINOGENICITY: This product does not contain any carcinogenic substances as classified by IARC, NTP, ACGIH or OSHA.

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

**Crafter's Choice™ Caramel Apple -
Sweetened Flavor Oil**

PRIMARY ROUTE(S) OF ENTRY:

Acute Toxicity Values - The acute effects of this product have not been tested. Data on individual components are tabulated below

<u>CAS Number</u>	<u>Chemical Name</u>	<u>Oral LD50</u>	<u>Dermal LD50</u>	<u>Vapor LC50</u>
120-51-4	Benzyl benzoate	500 mg/kg Rat	4000 mg/kg Rabbit	N.I.
64-17-5	Ethyl alcohol	7060 mg/kg Rat	N.I.	124.7 mg/L Rat
75-07-0	Acetaldehyde	660 mg/kg Rat	N.I.	N.I.
100-52-7	Benzaldehyde	1292 mg/kg Rat	>1250 mg/kg Rabbit	N.I.
107-92-6	Butyric acid	2000 mg/kg Rat	N.I.	N.I.
64-19-7	Acetic acid	3310 mg/kg Rat	1060 mg/kg Rabbit	11.4 mg/L Rat
513-86-0	Acetyl methyl carbinol	>5000 mg/kg Rat	N.I.	N.I.
600-14-6	2,3-Pentanedione	3000 mg/kg Rat	N.I.	N.I.
98-01-1	2-Furancarboxaldehyde (Furfural)	125 mg/kg Rat	>2000	>5000

N.I. = No Information

12. Ecological Information

ECOLOGICAL INFORMATION: Normal recommended use releases little of the product to the environment. Responsible manufacturing applications should include provisions for spill containment and measures to control loss of volatiles.

13. Disposal Information

DISPOSAL METHOD: Do not discharge into drains, water courses or onto the ground. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with material or used container. Dispose of material in accordance with applicable federal, state and local regulations.

14. Transport Information

Regulatory Information:	UN/NA Number:	Proper Shipping Name:	Class:	Packing Group:	Label:	Additional Info:
PHMSA / DOT	N/A	N/A	N/A	N/A	N/A	N/A
ICAO / IATA	N/A	N/A	N/A	N/A	N/A	N/A
IMO / IMDG	N/A	N/A	N/A	N/A	N/A	N/A
CANUTEC / TDG	N/A	N/A	N/A	N/A	N/A	N/A
ADR / RID	N/A	N/A	N/A	N/A	N/A	N/A

15. Regulatory Information

Please contact Crafter's Choice Customer Service for specific Regulation Information.

Crafter's Choice™ Caramel Apple - Sweetened Flavor Oil

16. Other Information

Text for GHS Hazard Statements shown in Section 3 describing each ingredient:

H224 Extremely flammable liquid and vapor

H225 Highly flammable liquid and vapor

H226 Flammable liquid and vapor

H301 Toxic if swallowed

H302 Harmful if swallowed

H312 Harmful in contact with skin

H314 Causes severe skin burns and eye damage

H315 Causes skin irritation

H317 May cause an allergic skin reaction

H318 Causes serious eye damage

H319 Causes serious eye irritation

H331 Toxic if inhaled

H332 Harmful if inhaled

H335 May cause respiratory irritation

H351 Suspected of causing cancer. Classified as Category 2 based on limited evidence on human and/or animal studies. Mixtures with concentrations of suspected carcinogen ingredients at concentration present between 0.1% and 1.0% labelling the SDS will be optional depending on authorities. If Category 2 carcinogenic present at a concentration of 1% or above labelling the SDS will be expected. Routes of exposure are dependant on ingredient form.

H373 May cause damage to organs <or state all organs affected, if known> through prolonged or repeated exposure <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined

The above information is believed to be correct, but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Crafter's Choice Brands, LLC and its Affiliates shall not be held liable for any damage resulting from the handling or from contact with the above product.