

Safety Data Sheet

Crafter's Choice™ Rootbeer - Sweetened Flavor Oil

1. Identification

Product Information:

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

Recommended Use: Flavor for Manufacturing use only **Validation Date:** 08/31/2017

Supplied by: Crafter's Choice Brands, LLC
7820 E. Pleasant Valley Road
Independence, OH 44131
(800) 908-7028
www.crafters-choice.com **Supersedes Date:** 08/22/2016

Reason for revision: Updated Information

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

2. Hazards Identification

GHS Classification

Acute Tox. 4 Inhalation, Carc. 2, Muta. 2, Skin Sens. 1

Symbol(s) of Product

Signal Word Warning

Possible Hazards

8% of the mixture consists of ingredients of unknown acute toxicity

GHS HAZARD STATEMENTS

Acute Toxicity, Inhalation, category 4	H332	Harmful if inhaled.
Carcinogenicity, category 2	H351	Suspected of causing cancer. Classified as Category 2 based on limited evidence on human and/or animal studies. Mixtures with concentrations of suspected carcinogens 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.
Germ Cell Mutagenicity, category 2	H341	Suspected of causing genetic defects. Classified Category 2 if one ingredient is present at or above 0.1%. Applies to liquids, Solids (w/w units) and gases (v/v). The substance may also have its own exposure limit. Routes of exposure are dependant on ingredient form.
Skin Sensitizer, category 1	H317	May cause an allergic skin reaction.

GHS LABEL PRECAUTIONARY STATEMENTS

P201 Obtain special instructions before use.

P261 Avoid breathing dust/fume/gas/mist/vapor/spray.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P281 Use personal protective equipment as required.
P302+P352 IF ON SKIN: Wash with plenty of soap and water.
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 rash occurs: Get medical advice/attention.

GHS SDS PRECAUTIONARY STATEMENTS

P363 Wash contaminated clothing before reuse.

3. Composition/Information on Ingredients

<u>Chemical Name</u>	<u>CAS-No.</u>	<u>Wt. %</u>	<u>GHS Symbols</u>	<u>GHS Statements</u>
Methyl 2-hydroxybenzoate	119-36-8	25-50	GHS07	H302-332
Oil of anise	8007-70-3	2.5-10	GHS07-GHS08	H341-351-317
Vanillin	121-33-5	1.0-2.5	GHS07	H302-319
Benzaldehyde	100-52-7	<0.1	GHS07	H302-312

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

ADDITIONAL GHS STATEMENTS:

Benzaldehyde: H316

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.

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):	0.87	pH:	3.01
Freeze Point, °C:	Not Applicable	Viscosity:	Not Measured
Solubility in Water:	INSOLUBLE	Partition Coefficient, n-octanol/water:	Not Measured
Decomposition temperature, °C	Not Measured		
Initial Boiling Point, °C:	36	Explosive Limits, %:	Not Measured
		Flash Point, °C / °F (Closed Cup):	>93 / >200
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: No Information

PRIMARY ROUTE(S) OF ENTRY: Inhalation

Acute Toxicity Values

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

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>Oral LD50</u>	<u>Dermal LD50</u>	<u>Vapor LC50</u>
119-36-8	Methyl 2-hydroxybenzoate	887 mg/kg Rat	>5000 mg/kg Rabbit	5000
121-33-5	Vanillin	1580 mg/kg Rat	>5010 mg/kg Rabbit	5000
100-52-7	Benzaldehyde	1292 mg/kg Rat	>1250 mg/kg Rabbit	N.I.

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	Not Regulated per 49 CFR 172.101
ICAO/IATA	N/A	N/A	N/A	N/A	N/A	Not Regulated per 49 CFR 172.101
IMO/IMDG	N/A	N/A	N/A	N/A	N/A	Not Regulated per 49 CFR 172.101
CANUTEC/TDG	N/A	N/A	N/A	N/A	N/A	Not Regulated per 49 CFR 172.101
ADR/RID	N/A	N/A	N/A	N/A	N/A	Not Regulated per 49 CFR 172.101

15. Regulatory Information

Please contact the Customer Service Department for specific Regulation Information.

16. Other Information

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

H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H341	Suspected of causing genetic defects. Classified Category 2 if one ingredient is present at or above 0.1%. Applies to liquids, Solids (w/w units) and gases (v/v). The substance may also have its own exposure limit. Routes of exposure are dependant on ingredient form.
H351	Suspected of causing cancer. Classified as Category 2 based on limited evidence on human and/or animal studies. Mixtures with concentrations of suspected carcinogens 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.

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.