

**Creamy Caramel -
 Sweetened Flavor Oil**

1. Identification

Product Name: Creamy Caramel - Sweetened Flavor Oil

Recommended Use: Flavor

Supplied by: Canwax
 114 Lindgren Rd W Unit 1B
 Huntsville, ON P1H 1Y2

In Case of Emergency: ChemTel (MIS3548100)
 (800) 255-3924 Domestic USA, Canada, Puerto Rico and USVI
 +1 813 248-0585 International

2. Hazards Identification

GHS Classification
 No GHS Classifications were found

Symbol(s) of Product
 No GHS Symbols Exist

Signal Word:
 No Signal Word has been assigned

3. Composition/Information on Ingredients

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Wt. %</u>	<u>GHS Symbols</u>	<u>GHS Statements</u>
2,3-Pentanedione	600-14-6	0.1-1.0	GHS02-GHS05- GHS07-GHS08	H225-373-318-317
Acetyl methyl carbinol	513-86-0	<0.1	GHS02	H226
Butyric acid	107-92-6	<0.1	GHS05-GHS07	H227-302-314
Dimethyl sulfide	75-18-3	<0.1	GHS02-GHS07	H302-225-319
Ethyl alcohol	64-17-5	<0.1	GHS02	H225

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

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Additional GHS Statements:

Acetyl methyl carbinol: H315-319-335

2,3-Pentanedione: H313-303-316

Butyric acid: H311-318-371

Dimethyl sulfide: 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

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

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

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

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

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Appearance:	Clear to hazy liquid	Physical State:	Liquid
Odor:	SWEET-LIKE	Odor Threshold:	Not Established
Specific Gravity (typical):	0.943	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:	33	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.

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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.

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 Number</u>	<u>Chemical Name</u>	<u>Oral LD50</u>	<u>Dermal LD50</u>	<u>Vapor LC50</u>
64-17-5	Ethyl alcohol	N.I.	N.I.	124.7 mg/L Rat
75-18-3	Dimethyl sulfide	535 mg/kg Rat	>5000 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

SPECIAL TRANSPORT PRECAUTIONS: No Information

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DOT Proper Shipping Name: No Information Packing Group: No Information
DOT Technical Name: No Information Hazard SubClass: No Information DOT
Hazard Class: No Information Resp. Guide Page: No Information DOT UN/NA Number:
No Information

15. Regulatory Information

U.S. Federal Regulations:

SARA SECTION 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

<u>Chemical Name</u>	<u>CAS Number</u>
1,2-benzisothiazolin-3-one, 1,1-dioxide, and salts	81-07-2

16. Other Information

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

- H225 Highly flammable liquid and vapor
- H226 Flammable liquid and vapor H227
Combustible liquid
- H302 Harmful if swallowed
- H314 Causes severe skin burns and eye damage H317
May cause an allergic skin reaction
- H318 Causes serious eye damage
- H319 Causes serious eye irritation
- 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

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product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Canwax shall not be held liable for any damage resulting from the handling or from contact with the above product.