

Safety Data Sheet

Vanilla - Sweetened Flavor Oil

1. Identification

Product Name: **Vanilla - Sweetened Flavor Oil**

Recommended Use: Flavor For Manufacturing use only

Supplied by: Windy Point Soap Making Supplies Inc.
14, 6125-12th Street SE
Calgary, AB T2H 2K1
587-318-6678

Reason for Revision: Updated Information

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. 3

Symbol(s) of Product



Signal Word:

Warning

Possible Hazards

7% of the mixture consists of ingredients of unknown acute toxicity

GHS HAZARD STATEMENTS

Flammable Liquid, category 3 H226 Flammable liquid and vapor.

GHS LABEL PRECAUTIONARY STATEMENTS

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

GHS SDS PRECAUTIONARY STATEMENTS

P240 Ground/bond container and receiving equipment.
P241 Use explosion-proof electrical/ventilating/lighting/.../equipment.
P242 Use only non-sparking tools.
P243 Take precautionary measures against static discharge.

3. Composition/Information on Ingredients

| <u>Chemical Name</u> | <u>CAS Number</u> | <u>Wt. %</u> | <u>GHS Symbols</u> | <u>GHS Statements</u> |
|----------------------|-------------------|--------------|--------------------|-----------------------|
| Ethylvanillin | 121-32-4 | 2.5-10 | GHS07 | H302-320 |
| Ethyl alcohol | 64-7-5 | 2.5-10 | GHS02 | H225 |
| Butyric acid | 107-92-6 | <0.1 | GHS05-GHS07 | H302-314 |

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| | | | | |
|------------------|----------|------|-----------------------------|----------------------|
| 2,3-Pentanedione | 600-14-6 | <0.1 | GHS02-GHS05- GHS07-GHS08 | H225-317-318-373 |
| Isobutyric acid | 79-31-2 | <0.1 | GHS05-GHS06 | H301-311-330-227-314 |
| Acetic acid | 64-19-7 | <0.1 | GHS02-GHS05-GHS07 | H226-312-314-332 |

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

Butyric acid: H311-318-371

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 drain. 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.

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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): | 0.95 | pH: | Not Measured |
| Freeze Point, °C: | Not Applicable | Viscosity: | Not Measured |
| Solubility in Water: | NOT SOLUBLE | 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): | 48 / 118 |
| 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.

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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.

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> |
|-------------------|----------------------|------------------|--------------------|-------------------|
| 121-32-4 | Ethylvanillin | 1590 mg/kg Rat | N.I. | N.I. |
| 64-17-5 | Ethyl alcohol | 7060 mg/kg Rat | N.I. | 124.7 mg/L Rat |
| 107-92-6 | Butyric acid | 2000 mg/kg Rat | N.I. | N.I. |
| 600-14-6 | 2,3-Pentanedione | 3000 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 |
| 79-31-2 | Isobutyric acid | 266 mg/kg Rat | 475 mg/kg Rabbit | >0.55 mg/L Rat |

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 | UN1197 | Extracts, Flavoring, Liquid | 3 | III | 3 | N/A |
| ICAO / IATA | UN1197 | Extracts, Flavoring, Liquid | 3 | III | 3 | N/A |
| IMO / IMDG | UN1197 | Extracts, Flavoring, Liquid | 3 | III | 3 | N/A |
| CANUTEC / TDG | UN1197 | Extracts, Flavoring, Liquid | 3 | III | 3 | N/A |
| ADR / RID | UN1197 | Extracts, Flavoring, Liquid | 3 | III | 3 | N/A |

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:

| | |
|------|--|
| H225 | Highly flammable liquid and vapor |
| H226 | Flammable liquid and vapor |
| H227 | Combustible liquid |
| H301 | Toxic if swallowed |
| H302 | Harmful if swallowed |
| H311 | Toxic in contact with skin |
| H312 | Harmful in contact with skin |
| H314 | Causes severe skin burns and eye damage |
| H317 | May cause an allergic skin reaction |
| H318 | Causes serious eye damage |
| H320 | Causes eye irritation |
| H330 | Fatal if inhaled |
| H332 | Harmful if inhaled |
| 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

Disclaimer & Caution

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