

MATERIAL SAFETY DATA SHEET

Agent: Silver Cloud Estates, LLC
Manufacturer: Silver Cloud Estates, LLC
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Section 1 Chemical Identification

Pure Vanilla Extract # 001

Section 2 Composition/Information of Ingredients

CAS#: Proprietary Formula
Fema#: NA
EINECS#: NA
Molecular: NA
Chemical Name: NA
Synonyms: None

Section 3 First-Aid Measures

Eye Contact Aid: Flush immediately with clean cold water. If irritation persist, call a physician
Skin Contact Aid: Thoroughly wash the affected area with soap and water. Flush with large quantities of water. If irritation persist, call a physician.
Inhalation Aid: Remove individual to fresh air, contact physician if necessary
Ingestion Aid: Administer water or milk to dilute. Contact a physician or local poison control.

Section 4 Fire Fighting Measures

Extinguishing Media: CO2; Foam; Dry Chemical
Special Fire Fighting Procedures: Wear protective clothing to prevent contact with skin and eyes.
Unusual Fire and Explosive Hazards: Not Established

Section 5 Accidental Release Measures

Procedure: Remove any source of flame or sparks. If in a confined area, NIOSH approved respiratory protection may be required. Remove individuals from area if they do not have respiratory/dust protection. Spray material with water to prevent dusting and remove to an approved disposal container. Follow Federal, State and Local procedures for cleaning up of powder. Dispose in accordance with current laws and regulations.

Section 6 Handling and Storage

Storage/Handling: Store in tight full containers in a cool dark place away from light. Before opening and handling this flavor, consult your workplace safety officer and MSDS.

Section 7 Exposure Controls/Personal Protection

Eyes: The use of goggles and a face shield is recommended.

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- Respiratory:** Respiratory protection is normally not required in well ventilated areas. However, NIOSH approved respiratory protection may be required when the material is rated toxic by inhalation or if the material is to be used in a confined area.
- Other Protective Devices:** Chemical resistant gloves are recommended (i.e. Nitrile gloves)
- Ventilation:** Standards should be employed.
- Work/Hygienic Practices:** Use good personal hygiene practices. Limit exposure to product whenever possible. Wash any contaminated clothing or shoes before each use.

Section 8 Physical and Chemical Properties

| | |
|-----------------------------------|------------------------------|
| Appearance and Odor: | Characteristic of vanilla |
| Hazardous Ingredients: | Ethyl alcohol (CAS# 64-17-5) |
| Boiling Point (Deg C): | NA |
| Melting Point (Deg C): | NA |
| Vapor Density: | NA |
| Vapor Pressure: | NA |
| Specific Gravity (@ 20 C): | Not Tested |
| Specific Gravity (@ 25 C): | 0.9550 - 0.9750 |
| Refractive Index (@ 20 C): | 1.3565 to 1.3635 |
| Solubility Water: | Soluble |
| Solubility Fat: | Insoluble |
| Flash Point: | 85 F. / 29 C. |
| Flammability (solid,gas): | NA |
| Autoflammability: | NA |
| Explosive Properties: | NA |
| Oxidizing Properties: | NA |

Section 9 Stability and Reactivity

| | |
|----------------------------------------------|----------------|
| Hazardous Polymerization: | Will not occur |
| Hazardous Decomposition Products: | None |
| Materials and/or Conditions to avoid: | None |
| Stability: | Stable |

Section 10 Toxicological Information

| | |
|-------------------------------------------|------------------|
| Threshold Limit Value (ACGIH TLV): | None Established |
| Threshold Limit Value (OSHA PEL): | None Established |
| Carcinogenicity: | |
| NTP Monograph: | None Established |
| ARC Monograph | None Established |
| Acute Toxicity Data: | |
| Oral LD50: | None Established |
| Dermal LD05: | None Established |
| Inhalation LC50: | None Established |

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Health Hazards (Acute and Chronic):

Ingestion of large quantities: None Established
Inhalation: None Established
Skin Contact: Liquid may be irritating
Eye Contact: Liquid may be irritating
Note: The above effects are based on evaluation of individual components.
Other Effects: None Established

Section 11 Ecological Information

Biodegradability: Not Determined
Aquatic Toxicity: Not Determined
Bioaccumulation Potential: Not Determined

Section 12 Transport Information

Proper Shipping Name: Extracts, Flavoring, Liquid

UN#: 1197

UN Pkg Group: III

ERG#: 127

Air/Steamer Transport Information:

Air: 3

Steamer: 3

Required Labels: FLAMMABLE LIQUID

Section 13 Other Information

Hazardous Materials Identification System

Health: 1 **Flammability:** 2 **Reactivity:** 0 **Personal Protection:** B
4-Extreme **3-High** **2-Moderate** **1-Slight** **0-No Significant Hazard**

Section 14 Regulatory

R-Phase: 10-36/38

S-Phase: 24-25-36-39

Section 15 Conclusion

The information contained herein is based on data considered accurate and reliable. However, the data is provided without warranty, expressed or implied regarding its correctness or accuracy. It is the user's responsibility both to determine the safe conditions for use of this product and to assume liability for loss, injury, damage or expense resulting from the improper use of this product.