

# SAFETY DATA SHEET

## Vanilla Swirl Flavor

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Printed: 05/25/2016  
Revision: 04/01/2014

according to Regulation (EC) No. 1907/2006 as amended by (EC) No. 1272/2008

### Section 1. Identification of the Substance/Mixture and of the Company/Undertaking

- 1.1 Product Code:** 345029  
**Product Name:** Vanilla Swirl Flavor  
**Trade Name:** Vanilla Swirl Flavor
- 1.2 Relevant identified uses of the substance or mixture and uses advised against:**
- 1.3 Details of the Supplier of the Safety Data Sheet:**

**Company Name:** Perfumer's Apprentice  
170 Technology Circle  
Scotts Valley, CA 95066  
**Web site address:** Perfumersapprentice.com  
**Information:** Contract #: MIS6760377

**Phone Number:**  
(831)316-7137

- 1.4 Emergency telephone number:**  
**Emergency Contact:** Chem-Tel Phone (800)255-3924  
01 (813)248-0585

### Section 2. Hazards Identification

- 2.1 Classification of the Substance or Mixture:**  
**2.1.1 Classification according to Regulation (EC) No 1272/2008 [CLP]:**  
Skin Sensitization, Category 1  
Serious Eye Damage/Eye Irritation, Category 2  
**2.1.2 Classification according to Directive 1999/45/EC:**  
**2.2 Label Elements:**  
**2.2.1 Labeling according to Regulation (EC) No 1272/2008 [CLP]:**



**GHS Signal Word:** Warning

**GHS Hazard Phrases:**

May cause an allergic skin reaction.

Causes serious eye irritation.

**GHS Precaution Phrases:**

Avoid breathing {dust/fume/gas/mist/vapors/spray}.

Wash {hands} thoroughly after handling.

Contaminated work clothing should not be allowed out of the workplace.

Wear {protective gloves/protective clothing/eye protection/face protection}.

**GHS Response Phrases:**

IF ON SKIN: Wash with plenty of soap and water.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.  
Continue rinsing.

Specific treatment {see ... on this label}.

If skin irritation or rash occurs, seek medical advice/attention.

If eye irritation persists, get medical advice/attention.

Take off contaminated clothing and wash it before reuse.

**GHS Storage and Disposal Phrases:**

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Dispose of contents/container to {...}.

### 2.2.2 Labeling according to Directive 1999/45/EC:

### 2.3 Adverse Human Health

#### Effects and Symptoms:

**2.3.1 Inhalation:** May be harmful if inhaled.

**2.3.3 Eye Contact:** May cause eye irritation.

**2.3.4 Ingestion:** May be harmful if swallowed.

## Section 3. Composition/Information on Ingredients

| CAS #     | Hazardous Components (Chemical Name)/<br>REACH Registration No. | Concentration | EC No./<br>EC Index No. | Risk Phrases/<br>GHS Classification  |
|-----------|---|---------------|-------------------------|--|
| 57-55-6   | Propylene glycol  | 80.0 -85.0 %  | 200-338-0<br>NA         | No phrases apply.<br>Skin Corr. 2: H315<br>Eye Damage 2A: H319<br>STOT (SE) 3: H335 H336 |
| 121-33-5  | Vanillin  | 1.0 -5.0 %    | 204-465-2<br>NA         | No phrases apply.<br>No data available.  |
| 121-32-4  | Benzaldehyde, 3-ethoxy-4-hydroxy-                               | 1.0 -5.0 %    | 204-464-7<br>NA         | Xn; R22<br>No data available.  |
| 4940-11-8 | 2 - Ethyl - 3 - hydroxy - 4 - pyrone                            | 1.0 -5.0 %    | 225-582-5<br>NA         | Xn; R22<br>No data available.  |
| 7732-18-5 | Water   | 10.0 %        | 231-791-2<br>NA         | No phrases apply.<br>No data available.  |

## Section 4. First Aid Measures

### 4.1 Description of First Aid

#### Measures:

**In Case of Inhalation:** If inhaled, remove to fresh air. If breathing is difficult, give oxygen.

**In Case of Skin Contact:** In case of contact, flush skin with plenty of water.

#### Contact:

**In Case of Eye Contact:** In case of contact, immediately flush eyes with plenty of water for at least 15 minutes.

#### Contact:

**In Case of Ingestion:** If swallowed, wash out mouth with water provided person is conscious.

**4.2 Important Symptoms and Effects, Both Acute and Delayed:** To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

#### Note for the Doctor:

Persons with impaired kidney function may be more susceptible to the effects of this substance. Treat symptomatically and supportively. Consult a physician.

## Section 5. Fire Fighting Measures

- 5.1 Suitable Extinguishing Media:** Use water spray, dry chemical, carbon dioxide, or alcohol-resistant foam.
- 5.2 Flammable Properties and Hazards:** No data available.
- Flash Pt:** 88.30 C
- Explosive Limits:** LEL: No data. UEL: No data.
- Autoignition Pt:** No data.
- 5.3 Fire Fighting Instructions:** As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

## Section 6. Accidental Release Measures

- 6.1 Protective Precautions, Protective Equipment and Emergency Procedures:** Ensure adequate ventilation.
- 6.2 Environmental Precautions:** No data available.
- 6.3 Methods and Material For Containment and Cleaning Up:** Dike to collect large liquid spills.

## Section 7. Handling and Storage

- 7.1 Precautions To Be Taken in Handling:** Handle in accordance with good industrial hygiene and safety practice.
- 7.2 Precautions To Be Taken in Storing:** Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances.

## Section 8. Exposure Controls/Personal Protection

### 8.1 Exposure Parameters:

| CAS #     | Chemical Name                        | Britain EH40   | France VL | Germany MAK/TRK |
|-----------|--------------------------------------|--|-----------|-----------------|
| 57-55-6   | Propylene glycol                     | TWA: 474 mg/m3 (150 ppm)<br>(Total Particulates)<br>TWA: 10 mg/m3 (Powder) | No data.  | No data.        |
| 121-33-5  | Vanillin                             | No data.   | No data.  | No data.        |
| 121-32-4  | Benzaldehyde, 3-ethoxy-4-hydroxy-    | No data.   | No data.  | No data.        |
| 4940-11-8 | 2 - Ethyl - 3 - hydroxy - 4 - pyrone | No data.   | No data.  | No data.        |
| 7732-18-5 | Water                                | No data.   | No data.  | No data.        |
| CAS #     | Chemical Name                        | OSHA TWA   | ACGIH TWA | Europe          |
| 57-55-6   | Propylene glycol                     | No data.   | No data.  | No data.        |
| 121-33-5  | Vanillin                             | No data.   | No data.  | No data.        |
| 121-32-4  | Benzaldehyde, 3-ethoxy-4-hydroxy-    | No data.   | No data.  | No data.        |
| 4940-11-8 | 2 - Ethyl - 3 - hydroxy - 4 - pyrone | No data.   | No data.  | No data.        |
| 7732-18-5 | Water                                | No data.   | No data.  | No data.        |

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### 8.2 Exposure Controls:

**8.2.1 Engineering Controls (Ventilation etc.):** Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low.

### 8.2.2 Personal protection equipment:

**Eye Protection:** Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

**Protective Gloves:** Wear appropriate protective gloves to prevent skin exposure.

**Other Protective Clothing:** Wear appropriate protective clothing to prevent skin exposure.

**Respiratory Equipment (Specify Type):** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

**Work/Hygienic/Maintenance Practices:** Wash thoroughly after handling. Handle in accordance with good industrial hygiene and safety practice.

No data available.

## Section 9. Physical and Chemical Properties

### 9.1 Information on Basic Physical and Chemical Properties

**Physical States:** [ ] Gas [X] Liquid [ ] Solid

**Appearance and Odor:** Transparent yellow liquid.  
Vanilla taste and aroma.

**pH:** No data.

**Melting Point:** No data.

**Boiling Point:** No data.

**Flash Pt:** 88.30 C

**Evaporation Rate:** No data.

**Flammability (solid, gas):** No data available.

**Explosive Limits:** LEL: No data. UEL: No data.

**Vapor Pressure (vs. Air or mm Hg):** No data.

**Vapor Density (vs. Air = 1):** No data.

**Specific Gravity (Water = 1):** 1.0549 at 22.0 C

**Solubility in Water:** No data.

**Octanol/Water Partition Coefficient:** No data.

**Autoignition Pt:** No data.

**Decomposition Temperature:** No data.

**Viscosity:** No data.

### 9.2 Other Information

**Percent Volatile:** No data.

## Section 10. Stability and Reactivity

- 10.1 Reactivity:** No data available.
- 10.2 Stability:** Unstable [ ] Stable [ X ]
- 10.3 Conditions To Avoid - Hazardous Reactions:** No data available.
- Possibility of Hazardous Reactions:** Will occur [ ] Will not occur [ X ]
- 10.4 Conditions To Avoid - Instability:** No data available.
- 10.5 Incompatibility - Materials To Avoid:** No data available.
- 10.6 Hazardous Decomposition or Byproducts:** No data available.

## Section 11. Toxicological Information

- 11.1 Information on Toxicological Effects:** This mixture has not been subjected to toxicological testing but has been blended from materials with established toxicological bibliographies. In view of the difficulty of using current standard toxicological evaluation techniques to predict potential hazards to susceptible individuals or arising from unforeseeable potentiation, this preparation should be considered and handled as if it displayed health hazards and consequently treated with all possible precaution.
- Sensitization:** No data available.
- Carcinogenicity:** NTP? No IARC Monographs? No OSHA Regulated? No

## Section 12. Ecological Information

- 12.1 Toxicity:** This mixture as a whole has not been subjected to ecotoxicological testing. In view of the difficulty of using current standard ecotoxicological evaluation techniques to predict the impact of particular modes of release on vulnerable or localized parts of the ecosystem, this preparation should be considered and handled as if it displayed potential environmental hazards, and treated in consequence with all possible precaution.
- 12.2 Persistence and Degradability:** No data available.
- 12.3 Bioaccumulative Potential:** No data available.
- 12.4 Mobility in Soil:** No data available.
- 12.5 Results of PBT and vPvB assessment:** No data available.
- 12.6 Other adverse effects:** No data available.

## Section 13. Disposal Considerations

- 13.1 Waste Disposal Method:** This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

## Section 14. Transport Information

**GHS Classification:** Skin Sensitization, Category 1 - Warning! May cause an allergic skin reaction  
Serious Eye Damage/Eye Irritation, Category 2 - Warning! Causes serious eye irritation

### 14.1 LAND TRANSPORT (European ADR/RID):

**ADR/RID Shipping Name:** Not Regulated.

**UN Number:**

**Hazard Class:**

### 14.2 MARINE TRANSPORT (IMDG/IMO):

**IMDG/IMO Shipping Name:** Not Regulated.

### 14.3 AIR TRANSPORT (ICAO/IATA):

**ICAO/IATA Shipping Name:** Not Regulated.

## Section 15. Regulatory Information

### EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

| CAS #     | Hazardous Components (Chemical Name) | S. 302 (EHS) | S. 304 RQ | S. 313 (TRI) |
|-----------|--------------------------------------|--------------|-----------|--------------|
| 57-55-6   | Propylene glycol                     | No           | No        | No           |
| 121-33-5  | Vanillin                             | No           | No        | No           |
| 121-32-4  | Benzaldehyde, 3-ethoxy-4-hydroxy-    | No           | No        | No           |
| 4940-11-8 | 2 - Ethyl - 3 - hydroxy - 4 - pyrone | No           | No        | No           |
| 7732-18-5 | Water                                | No           | No        | No           |

**This material meets the EPA** ☒ Yes ☐ No Acute (immediate) Health Hazard  
**'Hazard Categories' defined** ☒ Yes ☐ No Chronic (delayed) Health Hazard  
**for SARA Title III Sections** ☐ Yes ☒ No Fire Hazard  
**311/312 as indicated:** ☐ Yes ☒ No Sudden Release of Pressure Hazard  
☐ Yes ☒ No Reactive Hazard

| CAS #     | Hazardous Components (Chemical Name) | Other US EPA or State Lists |
|-----------|--------------------------------------|-----------------------------|
| 57-55-6   | Propylene glycol                     | CA PROP.65: No              |
| 121-33-5  | Vanillin                             | CA PROP.65: No              |
| 121-32-4  | Benzaldehyde, 3-ethoxy-4-hydroxy-    | CA PROP.65: No              |
| 4940-11-8 | 2 - Ethyl - 3 - hydroxy - 4 - pyrone | CA PROP.65: No              |
| 7732-18-5 | Water                                | CA PROP.65: No              |

| CAS #     | Hazardous Components (Chemical Name) | International Regulatory Lists |
|-----------|--------------------------------------|--------------------------------|
| 57-55-6   | Propylene glycol                     | REACH: Yes - (R), (P)          |
| 121-33-5  | Vanillin                             | REACH: Yes - (R), (P)          |
| 121-32-4  | Benzaldehyde, 3-ethoxy-4-hydroxy-    | REACH: Yes - (R), (P)          |
| 4940-11-8 | 2 - Ethyl - 3 - hydroxy - 4 - pyrone | REACH: Yes - (P)               |
| 7732-18-5 | Water                                | REACH: Yes - (P)               |

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**European Community Hazard Symbol codes:**

**European Community Risk and Safety Phrases:**

No data available.

### Section 16. Other Information

**Revision Date:** 04/01/2014

**Additional Information About This Product:** This product contains no added diacetyl as an ingredient. However, because diacetyl can occur in small amounts as an artifact of the production process in other ingredients, "No Added Diacetyl" products may not be "Diacetyl Free", as trace amounts may be present.

**Company Policy or Disclaimer:** The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification . The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any other process, unless specified in the text .