1. Product and Company Identification

Product Code: 00176
Product Name: Passion Fruit Flavor
Company Name: Perfumer's Apprentice
                170 Technology Circle
                Scotts Valley, CA 95066
Web site address: Perfumersapprentice.com
Emergency Contact: Chem-Tel Phone (831)316-7137
                  Phone Number: (800)255-3924

2. Hazards Identification

GHS Signal Word: None
GHS Hazard Phrases: No phrases apply.
GHS Precaution Phrases: No phrases apply.
GHS Response Phrases: No phrases apply.
GHS Storage and Disposal Phrases: No phrases apply.

3. Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>CAS #</th>
<th>Hazardous Components (Chemical Name)</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>57-55-6</td>
<td>Propylene glycol</td>
<td>&gt;=10.0 %</td>
</tr>
</tbody>
</table>

4. First Aid Measures

Emergency and First Aid Procedures:
In Case of Inhalation: If inhaled, remove to fresh air.
In Case of Skin Contact: In case of contact, flush skin with plenty of water.
In Case of Eye Contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes.

Signs and Symptoms Of Exposure: To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

5. Fire Fighting Measures

Flash Pt: > 200.00 F
Explosive Limits: LEL: UEL:
Autoignition Pt:
Suitable Extinguishing Media: Use water spray, dry chemical, carbon dioxide, or alcohol-resistant foam.
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.
6. Accidental Release Measures

Protective Precautions, Protective Equipment and Emergency Procedures:

Steps To Be Taken In Case Material Is Released Or Spilled:

- Ensure adequate ventilation.
- Dike to collect large liquid spills.

7. Handling and Storage

Precautions To Be Taken in Handling:
- Wash thoroughly after handling.

Precautions To Be Taken in Storing:
- Store in a tightly closed container.

8. Exposure Controls/Personal Protection

<table>
<thead>
<tr>
<th>CAS #</th>
<th>Partial Chemical Name</th>
<th>OSHA TWA</th>
<th>ACGIH TWA</th>
<th>Other Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>57-55-6</td>
<td>Propylene glycol</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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.

Eye Protection:
- Safety glasses.

Protective Gloves:
- Wear appropriate clothing to prevent skin exposure.

Other Protective Clothing:
- Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

Engineering Controls (Ventilation etc.):
- Wash thoroughly after handling. Wash contaminated clothing before reuse.

9. Physical and Chemical Properties

Physical States:
- [ ] Gas
- [ ] Liquid
- [ ] Solid

Appearance and Odor:
- Clear yellowish liquid.
- Passion Fruit taste and aroma.

Melting Point:

Boiling Point:

Autoignition Pt:

Flash Pt:
- > 200.00 F

Explosive Limits:
- LEL: 
- UEL:

Specific Gravity (Water = 1):
- 1.053 at 22.0 C

Vapor Pressure (vs. Air or mm Hg):

Vapor Density (vs. Air = 1):

Evaporation Rate:

Solubility in Water:
Passion Fruit Flavor
SAFETY DATA SHEET

Percent Volatile:

10. Stability and Reactivity

Stability: Unstable [ ] Stable [ X ]

Conditions To Avoid -

Instability:

Incompatibility - Materials To Avoid:

Hazardous Decomposition Or Byproducts:

Possibility of Hazardous Reactions:

Conditions To Avoid - Hazardous Reactions:

11. Toxicological Information

Toxicological Information: 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.

Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No

12. Ecological Information

General Ecological Information: 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.

13. Disposal Considerations

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.

14. Transport Information

GHS Classification: No GHS classifications apply.

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Not Regulated.
DOT Hazard Class:
UN/NA Number:

LAND TRANSPORT (Canadian TDG):

TDG Shipping Name: Not Regulated.
LAND TRANSPORT (European ADR/RID):
  ADR/RID Shipping Name: Not Regulated.

MARINE TRANSPORT (IMDG/IMO):
  IMDG/IMO Shipping Name: Not Regulated.

AIR TRANSPORT (ICAO/IATA):
  ICAO/IATA Shipping Name: Not Regulated.

15. Regulatory Information

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

<table>
<thead>
<tr>
<th>CAS #</th>
<th>Hazardous Components (Chemical Name)</th>
<th>S. 302 (EHS)</th>
<th>S. 304 RQ</th>
<th>S. 313 (TRI)</th>
</tr>
</thead>
<tbody>
<tr>
<td>57-55-6</td>
<td>Propylene glycol</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
</tbody>
</table>

This material meets the EPA 'Hazard Categories' defined for SARA Title III Sections:

- [ ] Yes [X] No Acute (immediate) Health Hazard
- [X] Yes [ ] No Chronic (delayed) Health Hazard
- [ ] Yes [X] No Fire Hazard
- [ ] Yes [X] No Sudden Release of Pressure Hazard
- [ ] Yes [X] No Reactive Hazard

16. Other Information

Revision Date: 03/31/2014

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.