# SAFETY DATA SHEET
## Banana Nut Bread Flavor

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## 1. Product and Company Identification

**Product Code:** 346717
**Product Name:** Banana Nut Bread Flavor
**Trade Name:** Banana Nut Bread Flavor

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

## 2. Hazards Identification

**Skin Corrosion/Irritation, Category 3**

**GHS Signal Word:** **Warning**
**GHS Hazard Phrases:** H316: Causes mild skin irritation.
**GHS Precaution Phrases:** No phrases apply.
**GHS Response Phrases:** P332+313: If skin irritation occurs, get medical advice/attention.
**GHS Storage and Disposal Phrases:** No phrases apply.
**Potential Health Effects (Acute and Chronic):** No data available.
**Inhalation:** May be harmful if inhaled.
**Skin Contact:** May cause skin irritation.
**Eye Contact:** May cause slight transient injury.
**Ingestion:** May be harmful if swallowed.

## 3. Composition/Information on Ingredients

| CAS # | Hazardous Components (Chemical Name) | Concentration |
|---|---|---|
| 57-55-6 | Propylene glycol | 93.0 -98.0 % |
| 123-92-2 | Iso-Amyl acetate | 1.0 -3.0 % |
| 100-51-6 | Benzenemethanol | 1.0 -3.0 % |

## 4. First Aid Measures

**Emergency and First Aid Procedures:** No data available.
**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:** Get medical aid.
In case of contact, immediately flush eyes with plenty of water for at least 15 minutes.
**In Case of Ingestion:** Clean mouth with water and drink plenty of water.
**Note to Physician:** Treat symptomatically.

## 5. Fire Fighting Measures

**Flash Pt:** > 200.00 F

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

**Autoignition Pt:** No data.

**Suitable Extinguishing Media:** Use water spray, dry chemical, carbon dioxide, or alcohol-resistant foam.

**Fire Fighting Instructions:** During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.
As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

**Flammable Properties and Hazards:** No data available.

## 6. Accidental Release Measures

**Protective Precautions, Protective Equipment and Emergency Procedures:** Ensure adequate ventilation.

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

| CAS # | Partial Chemical Name | OSHA TWA | ACGIH TWA | Other Limits |
|---|---|---|---|---|
| 57-55-6 | Propylene glycol | No data. | No data. | No data. |
| 123-92-2 | Iso-Amyl acetate | PEL: 100 ppm | TLV: 50 ppm<br>STEL: 100 ppm | No data. |
| 100-51-6 | Benzenemethanol | No data. | No data. | No data. |

**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:** No data available.

**Other Protective Clothing:** Wear suitable protective clothing.

**Engineering Controls (Ventilation etc.):** Safety shower and eye bath.

## 9. Physical and Chemical Properties

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

**Appearance and Odor:** Clear Amber.
Banana Nut Bread.

**Melting Point:** No data.

**Boiling Point:** No data.

**Autoignition Pt:** No data.

**Flash Pt:** > 200.00 F

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

**Specific Gravity (Water = 1):** 1.0336 at 22.0 C

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

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

**Evaporation Rate:** No data.

**Solubility in Water:** No data.

**Percent Volatile:** No data.

## 10. Stability and Reactivity

**Stability:** Unstable [ ] Stable [ X ]

**Conditions To Avoid - Instability:** Excess heat, moist air.

**Incompatibility - Materials To Avoid:** No data available.

**Hazardous Decomposition Or Byproducts:** Carbon monoxide, Carbon dioxide, Aldehydes.

**Possibility of Hazardous Reactions:** Will occur [ ] Will not occur [ X ]

**Conditions To Avoid - Hazardous Reactions:** No data available.

## 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 considererd 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:** Skin Corrosion/Irritation, Category 3 - Warning! Causes mild skin irritation

**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.
**UN Number:**
**Hazard Class:**

**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**

| CAS # | Hazardous Components (Chemical Name) | S. 302 (EHS) | S. 304 RQ | S. 313 (TRI) |
|---|---|---|---|---|
| 57-55-6 | Propylene glycol | No | No | No |
| 123-92-2 | Iso-Amyl acetate | No | Yes 5000 LB | No |
| 100-51-6 | Benzenemethanol | No | No | No |

**This material meets the EPA 'Hazard Categories' defined for SARA Title III Sections 311/312 as indicated:**

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

| CAS # | Hazardous Components (Chemical Name) | Other US EPA or State Lists |
|---|---|---|
| 57-55-6 | Propylene glycol | |
| 123-92-2 | Iso-Amyl acetate | |
| 100-51-6 | Benzenemethanol | |

| CAS # | Hazardous Components (Chemical Name) | International Regulatory Lists |
|---|---|---|
| 57-55-6 | Propylene glycol | REACH: (R), (P) |
| 123-92-2 | Iso-Amyl acetate | REACH: (R), (P) |
| 100-51-6 | Benzenemethanol | REACH: (R), (P) |

## 16. Other Information

| | |
|---|---|
| **Revision Date:** | 03/18/2014 |
| **Additional Information About This Product:** | 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.<br>This product contains no added diacetyl as an ingredient. |
| **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 . |