



# SAFETY DATA SHEET

## Blueberry Flavor Extra

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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:** 342648  
**Product Name:** Blueberry Flavor Extra
- 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  
**Phone Number:** (831)316-7137
- Web site address:** Perfumersapprentice.com
- 1.4 Emergency telephone number:**  
**Emergency Contact:** Chem-Tel Phone (800)255-3924

### 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 Corrosion/Irritation, Category 3
- 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:**  
Causes mild skin irritation.
- GHS Precaution Phrases:**  
No phrases apply.
- GHS Response Phrases:**  
If skin irritation occurs, get medical advice/attention.
- GHS Storage and Disposal Phrases:**  
No phrases apply.
- 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.
- 2.3.2 Skin Contact:** Causes mild skin irritation.
- 2.3.3 Eye Contact:** Causes eye irritation.
- 2.3.4 Ingestion:** May be harmful if inhaled.

### Section 3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)/ REACH Registration No.	Concentration	EC No./ EC Index No.	Risk Phrases/ GHS Classification
57-55-6	Propylene glycol	75.0 -85.0 %	200-338-0 NA	No phrases apply. Skin Corr. 2: H315 Eye Damage 2A: H319 STOT (SE) 3: H335 H336
7732-18-5	Water	13.0 -18.0 %	231-791-2 NA	No phrases apply.



## Section 4. First Aid Measures

#### 4.1 Description of First Aid

**Measures:**

**In Case of Inhalation:** If inhaled, remove to fresh air.

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

**Contact:**

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

**Contact:**

**In Case of Ingestion:** Clean mouth with water and drink plenty of water.

## 4.2 Important Symptoms and Effects, Both

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

**Acute and Delayed:**

**Note for the Doctor:** Persons with impaired kidney function may be more susceptible to the effects of this substance. Treat symptomatically and supportively.

## Section 5. Fire Fighting Measures

## 5.1 Suitable Extinguishing

Use water spray, dry chemical, carbon dioxide, or alcohol-resistant foam.

**Media:**

## 5.2 Flammable Properties and Hazards:

Flash Pt: &gt; 93.30 C Method Used: Closed Cup

**Explosive Limits:** LEL: UEL:

**Autoignition Pt:**

### 5.3 Fire Fighting

As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

## Section 6. Accidental Release Measures

**6.1 Protective Precautions.** Ensure adequate ventilation.

## Protective Equipment and Emergency

### Procedures:

## 6.2 Environmental

**Precautions:**

### 6.3 Methods and Material For Containment and

Dike to collect large liquid spills.

### Cleaning Up:

## Section 7. Handling and Storage

### 7.1 Precautions To Be Taken in Handling:

Wash thoroughly after handling.

## 7.2 Precautions To Be Taken in Storing:

Store in a tightly closed container.

## Section 8. Exposure Controls/Personal Protection

### 8.1 Exposure Parameters:

CAS #	Partial Chemical Name	Britain EH40	France VL	Europe
57-55-6	Propylene glycol	TWA: 474 mg/m3 (150 ppm) (Total Particulates) TWA: 10 mg/m3 (Powder)		
7732-18-5	Water			
CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
57-55-6	Propylene glycol			
7732-18-5	Water			

### 8.2 Exposure Controls:

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

#### 8.2.2 Personal protection equipment:

**Eye Protection:** Safety glasses.

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

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

**Respiratory Equipment**

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.

## Section 9. Physical and Chemical Properties

### 9.1 Information on Basic Physical and Chemical Properties

**Physical States:** ☐ Gas ☒ Liquid ☐ Solid

**Appearance and Odor:** Transparent Amber Liquid.  
Blueberry taste and aroma

**Melting Point:**

**Boiling Point:**

**Flash Pt:** > 93.30 C Method Used: Closed Cup

**Evaporation Rate:**

**Explosive Limits:** LEL: UEL:

**Vapor Pressure (vs. Air or mm Hg):**

**Vapor Density (vs. Air = 1):**

**Specific Gravity (Water = 1):** 1.0520 at 22.0 C

**Solubility in Water:**

**Autoignition Pt:**



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### 9.2 Other Information

Percent Volatile:

## Section 10. Stability and Reactivity

#### 10.1 Reactivity:

10.2 Stability: Unstable [ ] Stable [ X ]

#### 10.3 Conditions To Avoid -

Hazardous Reactions:

Possibility of Will occur [ ] Will not occur [ X ]

Hazardous Reactions:

#### 10.4 Conditions To Avoid -

Instability:

#### 10.5 Incompatibility -

Materials To Avoid:

#### 10.6 Hazardous

Decomposition Or

Byproducts:

## 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.

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:

#### 12.3 Bioaccumulative Potential:

#### 12.4 Mobility in Soil:

#### 12.5 Results of PBT and vPvB assessment:

#### 12.6 Other adverse effects:



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### 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 Corrosion/Irritation, Category 3 - Warning! Causes mild skin irritation

#### 14.1 LAND TRANSPORT (US DOT):

**DOT Proper Shipping Name:** Not Regulated.

**DOT Hazard Class:**

**UN/NA Number:**

#### 14.1 LAND TRANSPORT (Canadian TDG):

**TDG Shipping Name:** Not Regulated.

#### 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
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	International Regulatory
57-55-6	Propylene glycol		REACH: (R), (P)
7732-18-5	Water		REACH: (P)



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European Community Hazard Symbol codes:

European Community Risk and Safety Phrases:

### Section 16. Other Information

**Revision Date:** 04/24/2014

**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.