

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:** 351516
Product Name: DX Bavarian Cream 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 | 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
 Serious Eye Damage/Eye Irritation, Category 2B
- 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:**
 H316: Causes mild skin irritation.
 H320: Causes eye irritation.
 H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.
- GHS Precaution Phrases:**
 P261: Avoid breathing {dust/fume/gas/mist/vapors/spray}.
 P264: Wash {hands} thoroughly after handling.
 P285: In case of inadequate ventilation wear respiratory protection.
- GHS Response Phrases:**
 P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
 P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P332+313: If skin irritation occurs, get medical advice/attention.
 P337+313: If eye irritation persists, get medical advice/attention.
 P342+311: If experiencing respiratory symptoms call a POISON CENTER or doctor/physician.
- GHS Storage and Disposal Phrases:**
 P501: 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.
- 2.3.2 Skin Contact:** May cause skin irritation.
- 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)/ REACH Registration No.	Concentration	EC No./ EC Index No.	Risk Phrases/ GHS Classification
57-55-6	Propylene glycol	60.0 -65.0 %	200-338-0 NA	No phrases apply. Skin Corr. 2: H315 Eye Damage 2A: H319 STOT (SE) 3: H335 H336
121-33-5	Vanillin	5.0 -10.0 %	204-465-2 NA	No phrases apply.
4940-11-8	2 - Ethyl - 3 - hydroxy - 4 - pyrone	1.0 -5.0 %	225-582-5 NA	Xn; R22
80-71-7	2-Cyclopenten-1-one, 2-hydroxy-3-methyl-	< 1.0 %	201-303-2 NA	No phrases apply. Acute Tox.(O) 4: H302 Skin Corr. 2: H315 Eye Damage 2A: H319 Resp. Sens. 1: H334 STOT (SE) 3: H335 H336
7732-18-5	Water	10.0 -15.0 %	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 Contact: Wash off with soap and 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:

Treat symptomatically and supportively.

Section 5. Fire Fighting Measures

- 5.1 Suitable Extinguishing Media:** In case of fire, use water, dry chemical, chemical foam, or alcohol-resistant foam.
- 5.2 Flammable Properties and Hazards:**
- Flash Pt:** > 200.00 F (93.3 C)
- Explosive Limits:** LEL: UEL:
- Autoignition Pt:**
- 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.

Section 6. Accidental Release Measures

- 6.1 Protective Precautions, Protective Equipment and Emergency Procedures:**
- 6.2 Environmental Precautions:**
- 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 cool, dry place.

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)		
121-33-5	Vanillin			
4940-11-8	2 - Ethyl - 3 - hydroxy - 4 - pyrone			
80-71-7	2-Cyclopenten-1-one, 2-hydroxy-3-methyl-			
7732-18-5	Water			
CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
57-55-6	Propylene glycol			
121-33-5	Vanillin			
4940-11-8	2 - Ethyl - 3 - hydroxy - 4 - pyrone			
80-71-7	2-Cyclopenten-1-one, 2-hydroxy-3-methyl-			
7732-18-5	Water			



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8.2 Exposure Controls:

8.2.1 Engineering Controls Facilities storing or utilizing this material should be equipped with an eyewash facility and (Ventilation etc.): a safety shower.

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 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: Handle in accordance with good industrial hygiene and safety practice.

Section 9. Physical and Chemical Properties

9.1 Information on Basic Physical and Chemical Properties

Physical States: ☐ Gas ☒ Liquid ☐ Solid

Appearance and Odor: Bavarian Cream taste and aroma.

Transparent Colorless.

Melting Point:

Boiling Point:

Flash Pt: > 200.00 F (93.3 C)

Evaporation Rate:

Explosive Limits: LEL: UEL:

Vapor Pressure (vs. Air or mm Hg):

Vapor Density (vs. Air = 1):

Specific Gravity (Water = 1): 1.065 at 22.0 C

Solubility in Water:

Autoignition Pt:

9.2 Other Information

Percent Volatile:

Section 10. Stability and Reactivity

10.1 Reactivity:

10.2 Stability: Unstable ☐ Stable ☒

10.3 Conditions To Avoid -

Hazardous Reactions:

Possibility of Hazardous Reactions: Will occur ☐ Will not occur ☒

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.
- Irritation or Corrosion:** No data available.
- Carcinogenicity/Other Information:** CAS# 121-33-5: Not listed by ACGIH, IARC, NTP, or CA Prop 65. Carcinogenicity. IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC. ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH. NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP. OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA. CAS# 120-14-9: Not listed by ACGIH, IARC, NTP, or CA Prop 65.
- 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:**
- 12.6 Other adverse effects:**

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.



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Section 14. Transport Information

GHS Classification: Skin Corrosion/Irritation, Category 3 - Warning! Causes mild skin irritation
Serious Eye Damage/Eye Irritation, Category 2B - Warning! Causes eye 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
121-33-5	Vanillin	No	No	No
4940-11-8	2 - Ethyl - 3 - hydroxy - 4 - pyrone	No	No	No
80-71-7	2-Cyclopenten-1-one, 2-hydroxy-3-methyl-	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)
121-33-5	Vanillin		REACH: (R), (P)
4940-11-8	2 - Ethyl - 3 - hydroxy - 4 - pyrone		REACH: (P)
80-71-7	2-Cyclopenten-1-one, 2-hydroxy-3-methyl-		REACH: (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

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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.