



SAFETY DATA SHEET

Bavarian Cream Flavor

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1. Product and Company Identification

Product Code: 338222

Product Name: Bavarian Cream 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

Serious Eye Damage/Eye Irritation, Category 2B

GHS Signal Word: Warning

GHS Hazard Phrases: Causes eye irritation.

GHS Precaution Phrases: Wash hands thoroughly after handling.

GHS Response Phrases: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists, get medical advice/attention.

GHS Storage and Disposal Phrases: No phrases apply.

Potential Health Effects (Acute and Chronic):

Inhalation: Harmful if inhaled.

Skin Contact: Harmful in contact with skin.

Eye Contact: May cause eye burns.

Ingestion: May be harmful if swallowed.

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
57-55-6	Propylene glycol	45.0 -50.0 %
121-33-5	Vanillin	5.0 -10.0 %
118-71-8	3-Hydroxy-2-methyl-4-pyrone	5.0 -10.0 %
765-70-8	1,2-Cyclopentanedione, 3-methyl-	1.0 -5.0 %
7732-18-5	Water	30.0 -35.0 %



4. First Aid Measures

Emergency and First Aid

Procedures:

In Case of Inhalation:	If inhaled, remove to fresh air.
In Case of Skin Contact:	Flush skin with plenty of soap and water.
In Case of Eye Contact:	In case of contact with eyes, flush with copious amounts of water for at least 15 minutes.
In Case of Ingestion:	Clean mouth with water and drink plenty of water.
Signs and Symptoms Of Exposure:	To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.
Note to Physician:	Treat symptomatically and supportively.

5. Fire Fighting Measures

Flash Pt:	> 200.00 F	
Explosive Limits:	LEL: No data.	UEL: No data.
Autoignition Pt:	No data.	
Suitable Extinguishing Media:	Suitable: Water spray. In case of fire, use water, dry chemical, chemical foam, or alcohol-resistant foam. Use water fog, dry chemical, carbon dioxide, or regular foam. Use water spray, dry chemical, carbon dioxide, or chemical foam.	
Fire Fighting Instructions:	Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Specific Hazard(s): 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. Dust from this material can form explosive organic dust cloud.	
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:	Handle in accordance with good industrial hygiene and safety practice.
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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.
121-33-5	Vanillin	No data.	No data.	No data.
118-71-8	3-Hydroxy-2-methyl-4-pyrone	No data.	No data.	No data.
765-70-8	1,2-Cyclopentanedione, 3-methyl-	No data.	No data.	No data.
7732-18-5	Water	No data.	No data.	No data.



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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.
Work/Hygienic/Maintenance Practices:	Wash thoroughly after handling.

9. Physical and Chemical Properties

Physical States:	[] Gas [X] Liquid [] Solid		
Appearance and Odor:	No data available.		
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):	1.0681	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:	No data available.
Incompatibility - Materials To Avoid:	Strong oxidizing agents, acids, Bases, iron, iron salts.
Hazardous Decomposition Or Byproducts:	No data available.
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 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: Serious Eye Damage/Eye Irritation, Category 2B - Warning! Causes eye 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
121-33-5	Vanillin	No	No	No
118-71-8	3-Hydroxy-2-methyl-4-pyrone	No	No	No
765-70-8	1,2-Cyclopentanedione, 3-methyl-	No	No	No



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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	
121-33-5	Vanillin	
118-71-8	3-Hydroxy-2-methyl-4-pyrone	
765-70-8	1,2-Cyclopentanedione, 3-methyl-	
7732-18-5	Water	

CAS #	Hazardous Components (Chemical Name)	International Regulatory Lists
57-55-6	Propylene glycol	REACH: (R), (P)
121-33-5	Vanillin	REACH: (R), (P)
118-71-8	3-Hydroxy-2-methyl-4-pyrone	REACH: (P)
765-70-8	1,2-Cyclopentanedione, 3-methyl-	REACH: (P)
7732-18-5	Water	REACH: (P)

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.