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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: 344605

Product Name: Champagne Type Flavor (PG)

- 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 Phone Number:

170 Technology Circle (831)316-7137

Scotts Valley, CA 95066

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]:
- 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: 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.

- 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	94.0 -99.0 %	200-338-0 NA	No phrases apply. Skin Corr. 2: H315 Eye Damage 2A: H319 STOT (SE) 3: H335 H336
7732-18-5	Water	2.0 -3.0 %	231-791-2 NA	No phrases apply.



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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.

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: 83.89 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,

Instructions: 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 Dike to collect large liquid spills.

For Containment and

Cleaning Up:

Section 7. Handling and Storage

7.1 Precautions To Be Wash thoroughly after handling. Remove contaminated clothing and wash before reuse.

Taken in Handling: Use with adequate ventilation.

7.2 Precautions To Be Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from

Taken in Storing: incompatible substances.

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)

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SAFETY DATA SHEET Champagne Type Flavor (PG)

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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 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 chemical splash goggles.

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

Other Protective Wear appropriate protective clothing to prevent skin exposure.

Clothing:

Respiratory Equipment If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved

(Specify Type): 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.

Section 9. Physical and Chemical Properties

9.1 Information on Basic Physical and Chemical Properties

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

Appearance and Odor: Clear Colorless.

Champagne taste and aroma.

Melting Point:

Boiling Point:

Flash Pt: 83.89 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): 1.036 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 [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:



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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 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

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:

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: No GHS classifications apply.

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.



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LAND TRANSPORT (European ADR/RID):

ADR/RID Shipping Name: Not Regulated.

UN Number: Hazard Class:

MARINE TRANSPORT (IMDG/IMO):

Not Regulated. **IMDG/IMO Shipping Name:**

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 [X] No Acute (immediate) Health Hazard 'Hazard Categories' defined [] Yes [X] No Chronic (delayed) Health Hazard

[] Yes [X] No Fire Hazard for SARA Title III Sections

[] Yes [X] No Sudden Release of Pressure Hazard 311/312 as indicated:

[] Yes [X] 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)

European Community Hazard Symbol codes:

European Community Risk and Safety Phrases:

Section 16. Other Information

03/27/2014 **Revision Date:**

Additional Information About This product contains no added diacetyl as an ingredient. However, because diacetyl can

This Product:

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

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 Disclaimer:

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.