

1. Product and Company Identification

Product Code: 343020
Product Name: Grape Juice 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 2

Flammable Liquids, Category 3



GHS Signal Word: **Warning**

GHS Hazard Phrases: H226: Flammable liquid and vapor.
H315: Causes skin irritation.

GHS Precaution Phrases: P210: Keep away from {heat/sparks/open flames/hot surfaces}. - No smoking.
P233: Keep container tightly closed.
P241: Use explosion-proof electrical/ventilating/lighting/{...} equipment.
P242: Use only non-sparking tools.
P243: Take precautionary measures against static discharge.
P264: Wash {hands} thoroughly after handling.
P280: Wear {protective gloves/protective clothing/eye protection/face protection}.

GHS Response Phrases: P302+352: IF ON SKIN: Wash with plenty of soap and water.
P303+361+353: IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
P321: Specific treatment {see ... on this label}.
P332+313: If skin irritation occurs, get medical advice/attention.
P362: Take off contaminated clothing and wash before re-use.

GHS Storage and Disposal Phrases: P403+235: Store in cool/well-ventilated place.
P501: Dispose of contents/container to {...}.

Potential Health Effects (Acute and Chronic):

Skin Contact: Causes skin irritation.

Eye Contact: Causes eye irritation.

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
57-55-6	Propylene glycol	85.0 -90.0 %
118-71-8	3-Hydroxy-2-methyl-4-pyrone	1.0 -5.0 %
141-78-6	Acetic acid, ethyl ester	1.0 -5.0 %
105-54-4	Ethyl butyrate	1.0 -5.0 %
85-91-6	Benzoic acid, 2-(methylamino)-, methyl ester	1.0 %
134-20-3	Methyl anthranilate	1.0 %

4. First Aid Measures

Emergency and First Aid Procedures:	No data available.
In Case of Inhalation:	Remove from exposure and move to fresh air immediately. If breathing is difficult, give oxygen.
In Case of Skin Contact:	Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Get medical aid if irritation develops or persists.
In Case of Eye Contact:	In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes.
In Case of Ingestion:	Wash mouth out with water.
Signs and Symptoms Of Exposure:	To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

5. Fire Fighting Measures

Flash Pt:	43.33 C	Method Used:	Closed Cup
Explosive Limits:	LEL: No data.	UEL:	No data.
Autoignition Pt:	No data.		
Suitable Extinguishing Media:	For small fires, use dry chemical, carbon dioxide, water spray or alcohol-resistant foam.		
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.		
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.
Precautions To Be Taken in Storing:	Keep container tightly closed in a dry and well-ventilated place.

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.
118-71-8	3-Hydroxy-2-methyl-4-pyrone	No data.	No data.	No data.
141-78-6	Acetic acid, ethyl ester	PEL: 400 ppm	TLV: 400 ppm	No data.
105-54-4	Ethyl butyrate	No data.	No data.	No data.
85-91-6	Benzoic acid, 2-(methylamino)-, methyl ester	No data.	No data.	No data.
134-20-3	Methyl anthranilate	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:	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 protective clothing to prevent skin exposure.
Engineering Controls (Ventilation etc.):	Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.
Work/Hygienic/Maintenance Practices:	Wash thoroughly after handling.

9. Physical and Chemical Properties

Physical States:	[] Gas [X] Liquid [] Solid
Appearance and Odor:	Clear yellowish liquid. Grape taste and aroma.
Melting Point:	No data.
Boiling Point:	No data.
Autoignition Pt:	No data.
Flash Pt:	43.33 C Method Used: Closed Cup
Explosive Limits:	LEL: No data. UEL: No data.
Specific Gravity (Water = 1):	1.041 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:	No data available.
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: Skin Corrosion/Irritation, Category 2 - Warning! Causes skin irritation
Flammable Liquids, Category 3 - Warning! Flammable liquid and vapor

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
118-71-8	3-Hydroxy-2-methyl-4-pyrone	No	No	No
141-78-6	Acetic acid, ethyl ester	No	Yes 5000 LB	No
105-54-4	Ethyl butyrate	No	No	No
85-91-6	Benzoic acid, 2-(methylamino)-, methyl ester	No	No	No
134-20-3	Methyl anthranilate	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	
118-71-8	3-Hydroxy-2-methyl-4-pyrone	
141-78-6	Acetic acid, ethyl ester	
105-54-4	Ethyl butyrate	
85-91-6	Benzoic acid, 2-(methylamino)-, methyl ester	
134-20-3	Methyl anthranilate	

CAS #	Hazardous Components (Chemical Name)	International Regulatory Lists
57-55-6	Propylene glycol	REACH: (R), (P)
118-71-8	3-Hydroxy-2-methyl-4-pyrone	REACH: (P)
141-78-6	Acetic acid, ethyl ester	REACH: (R), (P)
105-54-4	Ethyl butyrate	REACH: (P)
85-91-6	Benzoic acid, 2-(methylamino)-, methyl ester	REACH: (P)
134-20-3	Methyl anthranilate	REACH: (P)

16. Other Information

Revision Date: 03/28/2014

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.