

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:** 555611
Product Name: Papaya Flavor
Trade Name: Papaya 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
Information: Contract #: MIS6760377

- 1.4 Emergency telephone number:**
Emergency Contact: Chem-Tel Phone (800)255-3924
01 (813)248-0585

Section 2. Hazards Identification

- 2.1 Classification of the Substance or Mixture:**
- 2.1.1 Classification according to Regulation (EC) No 1272/2008 [CLP]:**
Flammable Liquids, Category 3
Skin Corrosion/Irritation, Category 2
Serious Eye Damage/Eye Irritation, Category 2A
- 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:

Flammable liquid and vapor.
Causes skin irritation.
Causes serious eye irritation.

GHS Precaution Phrases:

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

GHS Response Phrases:

IF ON SKIN: Wash with plenty of soap and water.
IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing.
Specific treatment {see ... on this label}.
If skin irritation occurs, get medical advice/attention.
If eye irritation persists, get medical advice/attention.
Take off contaminated clothing and wash it before reuse.

GHS Storage and Disposal Phrases:

Store in cool/well-ventilated place.
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:** Causes 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	88.0 -94.0 %	200-338-0 NA	No phrases apply. Skin Corr. 2: H315 Eye Damage 2A: H319 STOT (SE) 3: H335 H336
118-71-8	3-Hydroxy-2-methyl-4-pyrone	0.5 -1.5 %	204-271-8 NA	Xn; R22-36/37/38 No data available.
75-07-0	Acetaldehyde	< 0.2 %	200-836-8 605-003-00-6	F+; Xn; Ca:3, R12-36/37-40 Flam. Liq. 1: H224 Eye Damage 2A: H319 STOT (SE) 3: H335 Carcinogen 2: H351
107-92-6	Butyric acid	3.0 -4.0 %	203-532-3 607-135-00-X	C; R34 Skin Corr. 1B: H314
126-91-0	1,6-Octadien-3-ol, 3,7-dimethyl-, (R)-	2.0 -3.0 %	204-811-2 NA	No phrases apply. Skin Corr. 2: H315 Eye Damage 2A: H319 STOT (SE) 3: H335 H336

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: In case of contact, flush skin with plenty of water.
In Case of Eye Contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes.
In Case of Ingestion: Rinse mouth with water.
- 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.
- 4.3 Indication of any immediate medical attention and special treatment needed:** To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Section 5. Fire Fighting Measures

- 5.1 Suitable Extinguishing Media:** Use water spray, dry chemical, carbon dioxide, or alcohol-resistant foam.
- 5.2 Flammable Properties and Hazards:** No data available.
Flash Pt: 46.66 C Method Used: Closed Cup
Explosive Limits: LEL: No data. UEL: No data.
Autoignition Pt: No data.
- 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. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion. Wear self contained breathing apparatus for fire fighting if necessary.

Section 6. Accidental Release Measures

- 6.1 Protective Precautions, Protective Equipment and Emergency Procedures:** Ensure adequate ventilation.
- 6.2 Environmental Precautions:** No data available.
- 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:** 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 #	Chemical Name	Britain EH40	France VL	Germany MAK/TRK
57-55-6	Propylene glycol	TWA: 474 mg/m3 (150 ppm) (Total Particulates) TWA: 10 mg/m3 (Powder)	No data.	No data.
118-71-8	3-Hydroxy-2-methyl-4-pyrone	No data.	No data.	No data.
75-07-0	Acetaldehyde	TWA: 37 mg/m3 (20 ppm) STEL: 92 mg/m3 (50 ppm)	TWA: 180 mg/m3 (100 ppm)	No data.
107-92-6	Butyric acid	No data.	No data.	No data.
126-91-0	1,6-Octadien-3-ol, 3,7-dimethyl-, (R)-	No data.	No data.	No data.
CAS #	Chemical Name	OSHA TWA	ACGIH TWA	Europe
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.
75-07-0	Acetaldehyde	PEL: 200 ppm	CEIL: 25 ppm	No data.
107-92-6	Butyric acid	No data.	No data.	No data.
126-91-0	1,6-Octadien-3-ol, 3,7-dimethyl-, (R)-	No data.	No data.	No data.

8.2 Exposure Controls:

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

8.2.2 Personal protection equipment:

Eye Protection: No data available.

Protective Gloves: No data available.

Other Protective Clothing: No data available.

Clothing:

Respiratory Equipment (Specify Type): No data available.

Work/Hygienic/Maintenance Practices:

Handle in accordance with good industrial hygiene and safety practice.

No data available.

Section 9. Physical and Chemical Properties

9.1 Information on Basic Physical and Chemical Properties

Physical States: Gas Liquid Solid

Appearance and Odor: Colorless to Pale Brown.
Papaya taste and aroma.

pH: No data.

Melting Point: No data.

Boiling Point: No data.

Flash Pt: 46.66 C Method Used: Closed Cup

Evaporation Rate: No data.

Flammability (solid, gas): No data available.

Explosive Limits: LEL: No data. UEL: No data.

Vapor Pressure (vs. Air or mm Hg): No data.

Vapor Density (vs. Air = 1): No data.

Specific Gravity (Water = 1): 1.0303 at 22.0 C

Solubility in Water: No data.

Octanol/Water Partition Coefficient: No data.

Autoignition Pt: No data.

Decomposition Temperature: No data.

Viscosity: No data.

9.2 Other Information

Percent Volatile: No data.

Section 10. Stability and Reactivity

10.1 Reactivity: No data available.

10.2 Stability: Unstable Stable

10.3 Conditions To Avoid - Hazardous Reactions: No data available.

Possibility of Hazardous Reactions: Will occur Will not occur

10.4 Conditions To Avoid - Instability: No data available.

10.5 Incompatibility - Materials To Avoid: No data available.

10.6 Hazardous Decomposition or Byproducts: No data available.

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:** 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:** No data available.
- 12.6 Other adverse effects:** No data available.

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:** Flammable Liquids, Category 3 - Warning! Flammable liquid and vapor
Skin Corrosion/Irritation, Category 2 - Warning! Causes skin irritation
Serious Eye Damage/Eye Irritation, Category 2A - Warning! Causes serious eye irritation
- 14.1 LAND TRANSPORT (European ADR/RID):**
ADR/RID Shipping Name: Not Applicable.
UN Number:
Hazard Class:
- 14.2 MARINE TRANSPORT (IMDG/IMO):**
IMDG/IMO Shipping Name: Not Applicable.
- 14.3 AIR TRANSPORT (ICAO/IATA):**
ICAO/IATA Shipping Name: This product has been reclassified as non-flammable in accordance with DGR 3.3.1.3.

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
118-71-8	3-Hydroxy-2-methyl-4-pyrone	No	No	No
75-07-0	Acetaldehyde	No	Yes 1000 LB	Yes
107-92-6	Butyric acid	No	Yes 5000 LB	No
126-91-0	1,6-Octadien-3-ol, 3,7-dimethyl-, (R)-	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	CA PROP.65: No
118-71-8	3-Hydroxy-2-methyl-4-pyrone	CA PROP.65: No
75-07-0	Acetaldehyde	CA PROP.65: Yes
107-92-6	Butyric acid	CA PROP.65: No
126-91-0	1,6-Octadien-3-ol, 3,7-dimethyl-, (R)-	CA PROP.65: No

CAS #	Hazardous Components (Chemical Name)	International Regulatory Lists
57-55-6	Propylene glycol	REACH: Yes - (R), (P)
118-71-8	3-Hydroxy-2-methyl-4-pyrone	REACH: Yes - (P)
75-07-0	Acetaldehyde	REACH: Yes - (R), (P)
107-92-6	Butyric acid	REACH: Yes - (R), (P)
126-91-0	1,6-Octadien-3-ol, 3,7-dimethyl-, (R)-	REACH: Yes - (P)

European Community Hazard Symbol codes:

European Community Risk and Safety Phrases:

No data available.

Section 16. Other Information

Revision Date: 03/31/2014

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.