

SAFETY DATA SHEET

Organic Compliant Strawberry Flavor

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Printed: 04/08/2016
Revision: 02/13/2015

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:** 15990
Product Name: Organic Compliant Strawberry 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]:**
- Skin Corrosion/Irritation, Category 2
 - Serious Eye Damage/Eye Irritation, Category 2
 - Specific Target Organ Toxicity (single exposure), Category 3
 - Flammable Liquids, Category 3
- 2.1.2 Classification according to Directive 1999/45/EC:**
- Xn: Harmful
 - Risk Phrases: R20/22
 - For full text of R- phrases: see SECTION 15.
- 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.
May cause drowsiness or dizziness.

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.
Avoid breathing {dust/fume/gas/mist/vapors/spray}.
Wash {hands} thoroughly after handling.

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Use only outdoors or in a well-ventilated area.

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 INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing.

Call a POISON CENTER or doctor/physician if you feel unwell.

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.

Store locked up.

Dispose of contents/container to {...}.

2.2.2 Labeling according to Directive 1999/45/EC:



Xn

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
56-81-5	Glycerin	60.0 -70.0 %	200-289-5 NA	No phrases apply. No data available.
100-51-6	Benzenemethanol	5.0 -10.0 %	202-859-9 603-057-00-5	Xn; R20/22 Acute Tox.(O) 4: H302 Acute Tox.(I) 4: H332
3658-77-3	4 - Hydroxy - 2,5 - dimethylfuran - 2(3H) - one	1.0 -5.0 %	222-908-8 NA	No phrases apply. No data available.

Section 4. First Aid Measures

- 4.1 Description of First Aid Measures:**
In Case of Inhalation: Remove victim to fresh air. Remove from exposure and move to fresh air immediately.
In Case of Skin Contact: Wash 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: 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.

Section 5. Fire Fighting Measures

- 5.1 Suitable Extinguishing Media:** Suitable: Water spray. Carbon dioxide, dry chemical powder, or appropriate foam.
- 5.2 Flammable Properties and Hazards:** No data available.
- Flash Pt:** 48.50 C
- 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.

Section 6. Accidental Release Measures

- 6.1 Protective Precautions, Protective Equipment and Emergency Procedures:** Wear suitable protective clothing.
- 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:** 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 #	Chemical Name	Britain EH40	France VL	Germany MAK/TRK
56-81-5	Glycerin	TWA: 10 mg/m3 () STEL: ()	TWA: 10 mg/m3	No data.

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100-51-6	Benzenemethanol	No data.	No data.	No data.
3658-77-3	4 - Hydroxy - 2,5 - dimethylfuran - 2(3H) - one	No data.	No data.	No data.
CAS #	Chemical Name	OSHA TWA	ACGIH TWA	Europe
56-81-5	Glycerin	PEL: 15 (dust); 5 (resp.) mg/m3	TLV: 10 mg/m3	No data.
100-51-6	Benzenemethanol	No data.	No data.	No data.
3658-77-3	4 - Hydroxy - 2,5 - dimethylfuran - 2(3H) - one	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. Use adequate ventilation to keep airborne concentrations low.

8.2.2 Personal protection equipment:

Eye Protection: Chemical safety goggles.

Protective Gloves: Wear appropriate gloves to prevent skin exposure.

Other Protective Clothing: Wear appropriate protective 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: Wash thoroughly after handling. Wash contaminated clothing before reuse.

No data available.

Section 9. Physical and Chemical Properties

9.1 Information on Basic Physical and Chemical Properties

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

Appearance and Odor: Transparent Colorless.
Strawberry taste and aroma.

pH: No data.

Melting Point: No data.

Boiling Point: No data.

Flash Pt: 48.50 C

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): 1.16 at 22.0 C

Solubility in Water: No data.

Octanol/Water Partition Coefficient: No data.

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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 [X]
- 10.3 Conditions To Avoid - Hazardous Reactions:** No data available.
- Possibility of Hazardous Reactions:** Will occur [] Will not occur [X]
- 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: Skin Corrosion/Irritation, Category 2 - Warning! Causes skin irritation
Serious Eye Damage/Eye Irritation, Category 2 - Warning! Causes serious eye irritation
Specific Target Organ Toxicity (single exposure), Category 3 - Warning! May cause respiratory irritation, or may cause drowsiness and dizziness
Flammable Liquids, Category 3 - Warning! Flammable liquid and vapor

14.1 LAND TRANSPORT (European ADR/RID):

ADR/RID Shipping Name:	Extracts, Flavoring, Liquid.		
UN Number:	1197	Packing Group:	III
Hazard Class:	3 - FLAMMABLE LIQUID		

14.2 MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name: Extracts, Flavoring, Liquid.

14.3 AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Extracts, Flavoring, Liquid.

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)
56-81-5	Glycerin	No	No	No
100-51-6	Benzenemethanol	No	No	No
3658-77-3	4 - Hydroxy - 2,5 - dimethylfuran - 2(3H) - one	No	No	No

This material meets the EPA	[X] Yes [] No	Acute (immediate) Health Hazard
'Hazard Categories' defined	[] Yes [X] No	Chronic (delayed) Health Hazard
for SARA Title III Sections	[X] Yes [] No	Fire Hazard
311/312 as indicated:	[] Yes [X] No	Sudden Release of Pressure Hazard
	[] Yes [X] No	Reactive Hazard

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
56-81-5	Glycerin	CA PROP.65: No
100-51-6	Benzenemethanol	CA PROP.65: No
3658-77-3	4 - Hydroxy - 2,5 - dimethylfuran - 2(3H) - one	CA PROP.65: No

CAS #	Hazardous Components (Chemical Name)	International Regulatory Lists
56-81-5	Glycerin	REACH: Yes - (R), (P)
100-51-6	Benzenemethanol	REACH: Yes - (R), (P)
3658-77-3	4 - Hydroxy - 2,5 - dimethylfuran - 2(3H) - one	REACH: Yes - (P)

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European Community Hazard Symbol codes:



Xn

European Community Risk and Safety Phrases:

R20/22	Harmful by inhalation and if swallowed.
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

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.