

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:** 746771
Product Name: Coffee Flavor Extra (Clear)
- 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:** (831)316-7137
170 Technology Circle
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]:**
Skin Corrosion/Irritation, Category 3
Serious Eye Damage/Eye Irritation, Category 1
Skin Sensitization, Category 1
Germ Cell Mutagenicity, Category 2
Carcinogenicity, Category 2
- 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: Danger

GHS Hazard Phrases:

Causes mild skin irritation.
May cause an allergic skin reaction.
Causes serious eye damage.
Suspected of causing genetic defects.
Suspected of causing cancer .

GHS Precaution Phrases:

Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Avoid breathing dust/fume/gas/mist/vapors/spray.
Contaminated work clothing should not be allowed out of the workplace.
Wear protective gloves/protective clothing/eye protection/face protection.

GHS Response Phrases:

IF ON SKIN: Wash with plenty of soap and water.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
Continue rinsing.
IF exposed or concerned: Get medical attention/advice.

Immediately call a POISON CENTER or doctor/physician.
Specific treatment see ... on this label.
If skin irritation occurs, get medical advice/attention.
If skin irritation or rash occurs, seek medical advice/attention.
Wash contaminated clothing before reuse.

GHS Storage and Disposal Phrases:

Store locked up.
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:** 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	57.0 -63.0 %	200-338-0 NA	No phrases apply. Skin Corr. 2: H315 Eye Damage 2A: H319 STOT (SE) 3: H335 H336
121-32-4	Benzaldehyde, 3-ethoxy-4-hydroxy-	22.0 -27.0 %	204-464-7 NA	Xn; R22
765-70-8	1,2-Cyclopentanedione, 3-methyl-	< 3.0 %	212-154-8 NA	No phrases apply.
118-71-8	3-Hydroxy-2-methyl-4-pyrone	1.0 %	204-271-8 NA	Xn; R22-36/37/38
103-82-2	Benzeneacetic acid	< 3.0 %	203-148-6 NA	Xi; R36/37/38
98-01-1	2-Furancarboxaldehyde	< 1.0 %	202-627-7 605-010-00-4	T;Xn; Ca:3, R21-23/25-36/37-40 Acute Tox.(O) 3: H301 Acute Tox.(D) 4: H312 Skin Corr. 2: H315 Eye Damage 2A: H319 Acute Tox.(I) 3: H331 STOT (SE) 3: H335 H336 Carcinogen 2: H351
137-00-8	2-(4-Methylthiazol-5-yl)ethanol	3.0 -9.0 %	205-272-6 NA	Xi; R36/37/38

TWA: 10 mg/m3 (Powder)

121-32-4 Benzaldehyde, 3-ethoxy-4-hydroxy-
765-70-8 1,2-Cyclopentanedione, 3-methyl-
118-71-8 3-Hydroxy-2-methyl-4-pyrone

103-82-2 Benzeneacetic acid
98-01-1 2-Furancarboxaldehyde

TWA: 8 mg/m3 (2 ppm) STEL: 8 mg/m3 (2 ppm)
STEL: 20 mg/m3 (5 ppm)

137-00-8 2-(4-Methylthiazol-5-yl)ethanol

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
57-55-6	Propylene glycol			
121-32-4	Benzaldehyde, 3-ethoxy-4-hydroxy-			
765-70-8	1,2-Cyclopentanedione, 3-methyl-			
118-71-8	3-Hydroxy-2-methyl-4-pyrone			
103-82-2	Benzeneacetic acid			
98-01-1	2-Furancarboxaldehyde	PEL: 5 ppm	TLV: 2 ppm	
137-00-8	2-(4-Methylthiazol-5-yl)ethanol			

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: Handle with gloves.
Other Protective Clothing: Wear suitable protective clothing.

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. General industrial hygiene practice.

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 yellowish liquid.
coffee-like - strong odor.

Melting Point:

Boiling Point:

Flash Pt: > 93.33 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): 1.0615 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 - No data available.

Instability:

10.5 Incompatibility -

Materials To Avoid:

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 considered and handled as if it displayed health hazards and consequently treated with all possible precaution.

Irritation or Corrosion: No data available.

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:

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:** Skin Corrosion/Irritation, Category 3 - Warning! Causes mild skin irritation
Serious Eye Damage/Eye Irritation, Category 1 - Danger! Causes serious eye damage
Skin Sensitization, Category 1 - Warning! May cause an allergic skin reaction
Germ Cell Mutagenicity, Category 2 - Warning! Suspected of causing genetic defects
Carcinogenicity, Category 2 - Warning! Suspected of causing cancer

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.

14.1 LAND TRANSPORT (European ADR/RID):

- ADR/RID Shipping Name:** Not Regulated.
UN Number:
Hazard Class:

14.2 MARINE TRANSPORT (IMDG/IMO):

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

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
121-32-4	Benzaldehyde, 3-ethoxy-4-hydroxy-	No	No	No
765-70-8	1,2-Cyclopentanedione, 3-methyl-	No	No	No
118-71-8	3-Hydroxy-2-methyl-4-pyrone	No	No	No
103-82-2	Benzeneacetic acid	No	No	No
98-01-1	2-Furancarboxaldehyde	No	Yes 5000 LB	No
137-00-8	2-(4-Methylthiazol-5-yl)ethanol	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



SAFETY DATA SHEET

Coffee Flavor Extra (Clear)

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists	International Regulatory
57-55-6	Propylene glycol		REACH: (R), (P)
121-32-4	Benzaldehyde, 3-ethoxy-4-hydroxy-		REACH: (R), (P)
765-70-8	1,2-Cyclopentanedione, 3-methyl-		REACH: (P)
118-71-8	3-Hydroxy-2-methyl-4-pyrone		REACH: (P)
103-82-2	Benzeneacetic acid		REACH: (R), (P)
98-01-1	2-Furancarboxaldehyde		REACH: (R), (P)
137-00-8	2-(4-Methylthiazol-5-yl)ethanol		REACH: (P)

European Community Hazard Symbol codes:

European Community Risk and Safety Phrases:

Section 16. Other Information

Revision Date: 03/24/2014

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.